

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511514-00	01	P006	270 MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
6,477.000	HEEDEASH	21.02.2011		21633511514-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0001	AA1012708152		ZROH	F70	CHANNEL 250X82 IS2062 GRE250 QLTY-A					
LENGTH =6,900.000											
MM	6.000	1,415.880	KG	235.980							
AA10108		10			A1					21.02.2011	
CHANNEL FOR COLUMN (FOR TOP PLATFORM),					MAKE BOX SHAPED COLUMN						
1	0002	41633511559-01		HALB	E	BASE PLATE (FOR TOP & BOTTOM PLATFORM)					
		5.000	EA	10.400			41633511559-01			01	
						1.000				21.02.2011	
2	0001	AA1011819074		ZROH	F70	PLATE 10 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :350.000 X 380.000											
MM	5.000	52.205	KG	10.400							
AA10119		13			A1					02.06.2009	
1	0003	AA1011819074		ZROH	F70	PLATE 10 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :210.000 X 310.000											
MM	5.000	25.550	KG	5.110							
AA10119		13								21.02.2011	
TOP PLATE (FOR TOP & BOTTOM PLATFORM)											
1	0004	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =9,200.000											
MM	2.000	309.120	KG	154.560							
AA10108		10			A1					21.02.2011	
CHANNEL LENGTHWISE (FOR TOP PLATFORM)											
1	0005	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =1,165.000											
MM	2.000	39.144	KG	19.572							
AA10108		10			A1					21.02.2011	
CHANNEL WIDTHWISE (FOR TOP PLATFORM)											
1	0006	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =4,940.000											
MM	1.000	82.992	KG	82.992							
AA10108		10			A1					21.02.2011	
CHANNEL WIDTHWISE (FOR BOTTOM PLATFORM)											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511514-00	01	P006	270 MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
6,477.000	HEEDEASH	21.02.2011		21633511514-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0007	AA1012708152		ZROH	F70	CHANNEL 250X82 IS2062 GRE250 QLTY-A					
LENGTH =5,130.000											
MM	4.000	701.784	KG	175.446							
AA10108		10			A1					21.02.2011	
CHANNEL FOR COLUMN (FOR BOTTOM					PLATFORM), MAKE BOX SHAPED COLUMN						
1	0008	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =5,890.000											
MM	1.000	98.952	KG	98.952							
AA10108		10			A1					21.02.2011	
CHANNEL WIDTHWISE (FOR BOTTOM PLATFORM)											
1	0009	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =1,125.000											
MM	1.000	18.900	KG	18.900							
AA10108		10			A1					21.02.2011	
CHANNEL LENGTHWISE (FOR BOTTOM PLATFORM)											
1	0010	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =1,100.000											
MM	7.000	100.870	KG	14.410							
AA10108		10								21.02.2011	
STIFFENER (FOR BOTTOM PLATFORM)											
1	0011	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =3,270.000											
MM	2.000	109.872	KG	54.936							
AA10108		10			A1					21.02.2011	
TOP CHANNEL FOR STAIRCASE											
1	0012	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =4,300.000											
MM	2.000	144.480	KG	72.240							
AA10108		10			A1					21.02.2011	
BOTTOM CHANNEL FOR STAIRCASE											
1	0013	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =75,000.000											
MM	1.000	337.500	KG	337.500							
AA10108		10			A1					21.02.2011	
HANDRAIL POST, CUT 62 PCS. OF L=1150											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511514-00	01	P006	270 MW DEARATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
6,477.000	HEEDEASH	21.02.2011		21633511514-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no		Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0014	AA1011052326		ZROH	F70	TUBE CS	48.8 X 3.25	ERW/SAW NB40		
LENGTH =54,500.000										
MM	1.000	54.500	M	198.925						
AA10152		06								21.02.2011
TOP RAILING (FOR TOP & BOTTOM PLATFORM,					STAIRCASE & LANDING)					
1	0015	AA1011052318		ZROH	F70	TUBE CS	42.9 X 3.25	ERW/SAW NB32		
LENGTH =54,500.000										
MM	1.000	54.500	M	173.310						
AA10152		06								21.02.2011
MID RAILING (FOR TOP & BOTTOM PLATFORM,					STAIRCASE & LANDING)					
1	0016	AA1012708063		ZROH	F70	CHANNEL 150X75	IS2062 GRE250	QLTY-A		
LENGTH =2,870.000										
MM	4.000	192.864	KG	48.216						
AA10108		10			A1					21.02.2011
CHANNEL (FOR MID LANDING COLUMN)										
1	0017	41633511559-02		HALB	E	BASE PLATE (FOR LANDING)				
		6.000	EA	4.100			41633511559-02		01	
						1.000				21.02.2011
2	0001	AA1011819074		ZROH	F70	PLATE 10 IS2062 GRE250(FE410W) QLTY-B				
SQUARE = 230.000 X 230.000										
MM	6.000	24.918	KG	4.100						
AA10119		13			A1					02.06.2009
1	0018	AA1011819074		ZROH	F70	PLATE 10 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :125.000 X 200.000										
MM	6.000	11.778	KG	1.963						
AA10119		13								21.02.2011
TOP PLATE (FOR LANDING)										
1	0019	AA1012708063		ZROH	F70	CHANNEL 150X75	IS2062 GRE250	QLTY-A		
LENGTH =1,000.000										
MM	5.000	84.000	KG	16.800						
AA10108		10			A1					21.02.2011
CHANNEL LENGTH & WIDTHWISE FOR MID & TOP					LANDING					

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511514-00	01	P006	270 MW DEARATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
6,477.000	HEEDEASH	21.02.2011		21633511514-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0020	41633511559-03		HALB	E	BASE PLATE FOR STAIRCASE					
		1.000	EA	28.300			41633511559-03			01	
						1.000				21.02.2011	
2	0001	AA1011819074		ZROH	F70	PLATE 10 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :300.000 X 1,200.000											
MM	1.000	28.260	KG	28.260							
AA10119		13			A1					02.06.2009	
1	0021	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502					
RECTANGLE :1,250.000 X 5,000.000											
MM	1.000	430.625	KG	430.625							
AA10183		05			A1					21.02.2011	
CHEQUERED PLATE FOR STEPS, CUT 27 PCS.					OF DIM. 790X225						
1	0022	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =11,200.000											
MM	1.000	50.400	KG	50.400							
AA10108		10			A1					21.02.2011	
ANGLE FOR STEP SUPPORT, CUT 54 PCS. OF					L=180						
1	0023	HY7142198265		ZSUD	F70	STUD 2 NUTS M20X200					
		24.000	EA	0.686							
HY7142198-04		04	ASTM:A193B7/1942H		A1					21.02.2011	
1	0024	HY7161096146		ZSUD	F70	WASHER MCD GAL 21					
		48.000	EA	0.016							
HY7161096-00-00-01		01	IS2016 GAL ST							21.02.2011	
1	0025	HE9751387019		ZSUD	F	BAR GRATING WIDTH=755, LENGTH=2500					
		10.000	EA	90.000							
HE51387V01			CS							21.02.2011	
BARGRATING FOR TOP & BOTTOM PLATFORM,					MID & TOP LANDING						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511514-00	01	P006	270 MW DEARATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
6,477.000	HEEDEASH	21.02.2011		21633511514-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0026	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A				
LENGTH =1,600.000										
MM	11.000	295.680	KG	26.880						
AA10108		10			A1					21.02.2011
BRACING (TOP & BOTTOM PLATFORM)										
1	0027	AA1011808056		ZROH	F70	PLATE 8 IS2062 GRE250(FE410W)QLTY-A				
RECTANGLE :880.000 X 2,500.000										
MM	1.000	138.160	KG	138.160						
AA10108		10			A1					21.02.2011
STIFFENING PLATE, CUT 170 PCS. OF DIM.					100X100					
1	0028	AA1012508102		ZROH	F70	ANGLE EQL 65X65X8 IS2062 GRE250 QLTY-A				
LENGTH =2,980.000										
MM	2.000	45.892	KG	22.946						
AA10108		10			A1					21.02.2011
ANGLE FOR LADDER (FOR TOP PLATFORM					APPROACH)					
1	0029	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8				
LENGTH =850.000										
MM	9.000	18.819	KG	2.091						
AA10208		07								21.02.2011
ROD FOR STEPS (FOR TOP PLATFORM					APPROACH)					
1	0030	AA1011819074		ZROH	F70	PLATE 10 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :150.000 X 260.000										
MM	2.000	6.124	KG	3.062						
AA10119		13								21.02.2011
PLATE FOR SUPPORTING LADDER TO CHANNEL					(FOR TOP PLATFORM APPROACH)					
1	0031	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A				
LENGTH =5,150.000										
MM	2.000	173.040	KG	86.520						
AA10108		10			A1					21.02.2011
CHANNEL (FOR TOP LANDING COLUMN)										
1	0032	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A				
LENGTH =1,140.000										
MM	12.000	179.208	KG	14.934						
AA10108		10								21.02.2011
STIFFENER (FOR TOP PLATFORM)										

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511514-00	01	P006	270 MW DEAERATOR PLATFORM ASSLY.	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
6,477.000	HEEDEASH	21.02.2011		21633511514-00
				Drg Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0033	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A				
LENGTH =2,125.000										
MM	2.000	71.400	KG	35.700						
AA10108		10			A1					21.02.2011
CHANNEL LENGTHWISE (FOR BOTTOM PLATFORM)										
1	0100	D21633511514				DEAERATOR PLATFORM ASSLY. (PROD)				
		1.000	ST							
		00								21.02.2011
1	0110	D41633511559				DEAERATOR PLATFORM ASSLY.				
		1.000	ST							
		01								21.02.2011

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
1	0001	31631111959-00A		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-I)					
		1.000	EA	18,021.000			31631111929-00			00	
						1.000				15.02.2011	
GROUP 1 & 4											
2	0001	31631111917-00A		HALB	F30	SHELL ASSLY (SEC-I)					
		1.000	EA	16,421.000			31631111917-00			00	
						1.000		x		15.02.2011	
GROUP 1 TO 5											
3	0001	41631113425-01		HALB	F30	SHELL SEGMENT					
		3.000	EA	4,007.100			41631113425-01			00	
						1.000		x		01.04.2010	
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :2,500.000 X 11,380.000											
MM	3.000	12,059.95	KG	4,007.130							
HY10470		06			A1					02.06.2009	
3	0002	41631113278-03		HALB	F30	DISHED END ID 3600X18MM MIN THK. SF=75					
		1.000	EA	2,606.000			41631113278-03			01	
						1.000		x		01.04.2010	
4	0001	HE9711834480		ZSUD	F	2:1 ELLIP.DISHED END ID3600/18(MIN)SF-75					
		1.000	EA	2,606.000			41631000467V00				
HE51370V00			SA516/70 (VCD)							09.06.2009	
3	0003	41631113426-01		HALB	F30	STIFFENER RING OD 3596/ ID 3196X 25MM					
		1.000	EA	419.600			41631113426-01			00	
						1.000		x		01.04.2010	

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111959-00A

01

P006

270 MW DEAERATOR ST.TANK ASSLY (SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

18,274.000

HEEDEASH

15.02.2011

31631111959-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)					
RECTANGLE :1,540.000 X 2,140.000											
MM	1.000	646.762	KG	646.761							
HY10470-SA516GR70		06	SA516GR70		A1					09.06.2009	
3	0004	41631113049-00		HALB	F30	SPIDER ASSLY					
		1.000	EA	642.500			41631113049-00			00	
						1.000		x		01.04.2010	
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A					
LENGTH =1,600.000											
MM	8.000	192.000	KG	24.000							
AA10108		10			A1					02.06.2009	
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
D=500.000											
MM	1.000	30.827	KG	30.000							
AA10119		13			A1					02.06.2009	
CENTRE PLATE											
4	0003	41631113342-01		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)					
		1.000	EA	419.600			41631113342-01			00	
						1.000		x		02.06.2009	
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)					
RECTANGLE :2,140.000 X 1,540.000											
MM	1.000	646.762	KG	683.000							
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
3	0005	31631111641-00		HALB	F30	SLIDING SUPPORT ASSLY					
		1.000	EA	731.400			31631111641-00			00	
						1.000		x		01.04.2010	

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111959-00A

01

P006

270 MW DEAERATOR ST.TANK ASSLY (SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631111959-00

Dr g

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	31631111641-01		HALB	F30	PAD					
		1.000	EA	241.500			31631111641-01			00	
						1.000		x		09.06.2009	
MA BY QC & LLOYDS											
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :405.000 X 4,212.000											
MM	1.000	241.038	KG	241.530							
HY10470		06			A1					09.06.2009	
4	0002	31631111641-02		HALB	F30	VERTICAL RIB					
		1.000	EA	222.800			31631111641-02			00	
						1.000		x		09.06.2009	
MA BY QC											
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,125.000 X 3,185.000											
MM	1.000	562.551	KG	222.820							
AA10119		13			A1					09.06.2009	
4	0003	31631111641-03		HALB	F30	BASE PLATE					
		1.000	EA	179.900			31631111641-03			00	
						1.000		x		09.06.2009	
MA BY QC											
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :305.000 X 3,048.000											
MM	1.000	182.442	KG	179.890							
AA10119		13			A1					09.06.2009	
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :143.000 X 270.000											
MM	4.000	24.248	KG	5.970							
AA10119		13			A1					09.06.2009	
RIB											

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)		1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :143.000 X 710.000												
MM	4.000	63.760	KG	15.810								
AA10119		13			A1					09.06.2009		
RIB												
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								01.04.2010		
WELDING DETAILS AND WPS NOS.												
2	0004	11631111360-00A		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-I)						
		1.000	EA	1,600.000			11631111360-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 24												
3	0001	31631111588-07E		HALB	F30	MANHOLE ASSY.(20" ANSI 300 SORF)						
		1.000	EA	490.500			31631111588-07			00		
						1.000		x		01.04.2010		
S6, REFER VAR 06 OF DRG. 11631111360												
4	0001	AA1049455380		ZROH	F70	PIPE(SMLS) 508 X 12.7 CS SA106 GR B						
LENGTH =470.000												
MM	1.000	0.470	M	56.880								
AA10455		09			A2					09.06.2009		
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF						
		1.000	EA	135.000								
AA7246106		02	ANSI B 16.5							09.06.2009		
MA BY QC & LLOYDS												
4	0003	HY7240363155		ZSUD	F	NAB M.S.W. GASKET SIZE 20" #300 PTFE						
		1.000	EA	0.480								
HY7240363		00	PTFE		A1					09.06.2009		

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111959-00A

01

P006

270 MW DEAERATOR ST.TANK ASSLY (SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

3163111959-00

Dr g

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST						
		24.000	EA	2.441								
HY7142299-04		04	ASTM A193B7/194 2H		A1					09.06.2009		
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300						
		1.000	EA	150.000								
HY7246772		02	A105		A2					09.06.2009		
MA BY QC & LLOYDS												
4	0006	31631111588-07A		HALB	F30	HANDLE						
		2.000	EA	0.800			31631111588-07		00			
						1.000		x		09.06.2009		
5	0001	HY1010299107		ZROH	F70	RND CS 20						
LENGTH =340.000												
MM	2.000	1.672	KG	1.000								
HY10199		03								02.06.2009		
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07		00			
						1.000		x		09.06.2009		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ) IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07		00			
						1.000		x		09.06.2009		
MA BY QC												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)		1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		09.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							09.06.2009		
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							09.06.2009		
3	0002	11631111360-06A		HALB	F30	SPH DISH DIA. 750/524 MIN. THK. 18						
		1.000	EA	44.740			11631111360-06			00		
						1.000		x		01.04.2010		
FOR S6												
4	0001	HE9711834499		ZSUD	F	SP.DISH OD750/18(MIN) TO MATCH OD-3636						
		1.000	EA	85.900			41631000467V00					
			SA516/70 (VCD)		A3					01.04.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
18,274.000	HEEDEASH	15.02.2011		31631111959-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)		Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
3	0003	11631111360-05		HALB	F30	VENTILATOR CONN. 6"				
		1.000	EA	60.700		11631111360-05		00		
						1.000		x		01.04.2010
S5, FOR NOZZLE CONFIG. REFER VAR 04 OF					DRG. 11631011267					
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B				
LENGTH =265.000										
MM	1.000	0.265	M	11.278						
AA10455		09			A3					01.04.2010
					MA BY QC & LLOYDS					
4	0002	11631111360-05A		HALB	F30	RF. PAD DIA. 184/300				
		1.000	EA	6.870		11631111360-05		00		
						1.000		x		01.04.2010
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD				
SQUARE = 310.000 X 310.000										
MM	1.000	13.579	KG	13.579						
HY10470		06			A3					01.04.2010
					MA BY QC & LLOYDS					
4	0003	AA7246106120		ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE				
		1.000	EA	16.500						
AA7246106-02		02	ANSI B 16.5		A3					01.04.2010
					MA BY QC & LLOYDS					
4	0004	HY7142198192		ZSUD	F70	STUD 2 NUTS M20X130				
		12.000	EA	0.513						
HY7142198-04		04	ASTM A193B7/194 2H		A1					01.04.2010
4	0005	HY7246772120		ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE				
		1.000	EA	12.000						
HY7246772-02		02	ANSI:B16.5		A3					01.04.2010
					MA BY QC & LLOYDS					

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drng no		Drng Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0006	HY7240363082		ZSUD	F	NON ASBESTOS M.S.W. GASKET SIZE 6" CLAS				
		1.000	EA	0.150						
HY7240363		00	PTFE		A1					01.04.2010
3	0004	11631111360-24		HALB	F30	TEMP. GAUGE & ELEMENT CONN. M33X2				
		1.000	EA	0.680			11631111360-24		00	
						1.000		x		01.04.2010
C6										
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCRW M33X2-F L=45 40				
		1.000	EA	0.400						
AA7326101-01		01			A3					01.04.2010
MA BY QC & LLOYDS					MA BY QC & LLOYDS					
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2				
		1.000	EA	0.280						
HY9601207-01-03		03			A3					01.04.2010
MA BY QC & LLOYDS										
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2				
		1.000	EA	0.001						
HY7161094-00-00-01		01	CSN029310		A1					01.04.2010
3	0005	41631112231-00		HALB	F30	HOOK				
		2.000	EA	2.670			41631112231-00		00	
						1.000		x		01.04.2010
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8				
LENGTH =1,200.000										
MM	2.000	5.904	KG	1.000						
AA10208		07								02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0006	41631113482-01		HALB	F30	INITIAL HEATING PIPE					
		1.000	EA	75.200			41631113482-01			00	
						1.000		x		01.04.2010	
4	0001	AA1049355679		ZROH	F70	PIPE(SMLS) 273.1X 7.8 CS SA106 GR B					
LENGTH =1,490.000											
MM	1.000	1.490	M	75.200							
AA10455		09			A2					09.06.2009	
3	0007	41631113482-02		HALB	F30	INITIAL HEATING PIPE					
		1.000	EA	304.400			41631113482-02			00	
						1.000		x		01.04.2010	
4	0001	AA1049355679		ZROH	F70	PIPE(SMLS) 273.1X 7.8 CS SA106 GR B					
LENGTH =6,000.000											
MM	1.000	6.000	M	304.380							
AA10455		09			A2					09.06.2009	
3	0008	41631113485-00		HALB	F30	HEATING STEAM SUPPORT ASSY.					
		6.000	EA	28.300			41631113485-00			00	
						1.000		x		01.04.2010	
4	0001	41631113348-08		HALB	F30	PAD					
		12.000	EA	1.400			41631113348-08			00	
					A3	1.000		x		02.06.2009	
MA BY QC & LLOYDS											
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD					
SQUARE = 150.000 X 150.000											
MM	12.000	16.956	KG	1.000							
HY10470		06			A1					02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =1,070.000												
MM	12.000	114.276	KG	9.410								
AA10108		10			A1					02.06.2009		
4	0003	41631113485-00A		HALB	F30	ANGLE ISMA 75X75X8						
		6.000	EA	4.200			41631113485-00			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =474.000												
MM	6.000	25.314	KG	1.000								
AA10108		10			A1					02.06.2009		
4	0004	HY9603148091		ZSUD	F70	U-BOLT GALVZD 10"						
		6.000	EA	2.390								
HY9603148-04		04			A1					02.06.2009		
3	0009	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=325.000												
MM	1.000	16.280	KG	16.280								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
END PLATE					MA BY QC							
3	0010	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
D=50.000												
MM	4.000	0.616	KG	0.154								
HY10470		06			A3					01.04.2010		
PAD FOR MANHOLE HOOK, MATCH TO DISHED					END CONTOUR,MA BY QC & LLOYDS							
3	0011	11631111360-07		HALB	F30	STANDPIPE CONN. 2"						
		2.000	EA	4.700			11631111360-07			00		
						1.000		x		01.04.2010		
S7, FOR NOZZLE CONFIG. REFER VAR 06 OF					DRG. 11631011267							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)		1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0001	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75						
		2.000	EA	3.500								
HE91001V06			HE91001V06		A3					01.04.2010		
						MA BY QC & LLOYDS						
4	0002	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS						
		2.000	EA	1.200								
HE91003V00			SA105		A3					01.04.2010		
3	0012	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =1,060.000												
MM	1.000	1.060	M	30.019								
AA10455		09			A1					01.04.2010		
FOR S2						MA BY QC & LLOYDS						
3	0013	11631111360-10		HALB	F30	BFP RECIRCULATION CONN. 6"						
		2.000	EA	58.630			11631111360-10			00		
						1.000		x		01.04.2010		
S10, FOR NOZZLE CONFIG. REFER VAR 10 OF						DRG. 11631011267						
4	0001	AA1049355555		ZROH	F70	PIPE(SMLS) 168.3X21.95 CS SA106 GR B						
LENGTH =470.000												
MM	2.000	0.940	M	37.233								
AA10455		09			A3					01.04.2010		
						MA BY QC & LLOYDS						
4	0002	11631111360-10A		HALB	F30	RF. PAD DIA. 184/300						
		2.000	EA	6.870			11631111360-10			00		
						1.000		x		01.04.2010		
5	0001											
		2.000	ST									
										01.04.2010		
RF. PAD DIA. 184/300, MATL. COVERED IN						11631111360-01A, MA BY QC & LLOYDS						

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111959-00A

01

P006

270 MW DEAERATOR ST.TANK ASSLY (SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631111959-00

Drg

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	AA1011819112		ZROH	F70	PLATE 16 IS2062 GRE250(FE410W) QLTY-B						
D=220.000												
MM	2.000	9.548	KG	4.774								
AA10119		13			A3					01.04.2010		
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS							
4	0004	41631612813-00		HALB	F30	6" SS PIPE						
		2.000	EA	7.530			41631612813-00			00		
						1.000		x		01.04.2010		
5	0001	AA1071155369		ZROH	F70	PIPE(SMLS) 168.3X7.1 S.S SA312 GRTP321						
LENGTH =330.000												
MM	2.000	0.660	M	7.600								
AA10755		07			A1					02.06.2009		
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
D=220.000												
MM	2.000	7.298	KG	3.649								
HY10786		00			A1					01.04.2010		
END PLATE					MA BY QC							
3	0014	11631111360-08		HALB	F30	INITIAL FILLING CONN. 4"						
		1.000	EA	38.420			11631111360-08			00		
						1.000		x		01.04.2010		
S8, FOR NOZZLE CONFIG. REFER VAR 03 OF					DRG. 11631011267							
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =265.000												
MM	1.000	0.265	M	7.505								
AA10455		09			A3					01.04.2010		
					MA BY QC & LLOYDS							
4	0002	11631111360-08A		HALB	F30	RF. PAD DIA. 130/250						
		1.000	EA	5.580			11631111360-08			00		
						1.000		x		01.04.2010		

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001										
		1.000	ST								
											01.04.2010
RF. PAD DIA. 130/250, MATL. COVERED IN					11631111360-22A,MA BY QC & LLOYDS						
4	0003	AA7246106103	ZSUD	F70		FLANGE SOW CS 4" CL 300 RAISED FACE					
		1.000	EA		10.000						
AA7246106-02		02	ANSI B 16.5		A3						01.04.2010
					MA BY QC & LLOYDS						
4	0004	HY7142198176	ZSUD	F70		STUD 2 NUTS M20X110					
		8.000	EA		0.464						
ASTM A193B7/194 2H			HY7142198-04		A1						01.04.2010
					MA BY QC & LLOYDS						
4	0005	HY7240363074	ZSUD	F		NAB M.S.W. GASKET SIZE 4" #300 PTFE					
		1.000	EA		0.080						
HY7240363		00	PTFE		A1						01.04.2010
					MA BY QC & LLOYDS						
4	0006	HY7246772103	ZSUD	F70		FLANGE BLIND CS 4" CL 300 RAISED FACE					
		1.000	EA		10.000						
HY7246772-02		02	ANSI:B16.5		A3						01.04.2010
					MA BY QC & LLOYDS						
3	0015	11631111360-13	HALB	F30		SPARE CONN. 4"					
		1.000	EA		16.770	11631111360-13			00		
						1.000		x			01.04.2010
S13, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						
4	0001	AA1049355431	ZROH	F70		PIPE(SMLS) 114.3X11.13 CS SA106 GR B					
LENGTH =330.000											
MM	1.000	0.330	M		9.346						
AA10455		09			A3						01.04.2010
					MA BY QC & LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)		1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description				
RM Size									
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no		Drq Rev
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks				
4	0002	11631111360-13A		HALB	F30	RF. PAD DIA. 130/250			
		1.000	EA	5.580			11631111360-13		00
					1.000		x		01.04.2010
5	0001								
		1.000	ST						
									01.04.2010
RF. PAD DIA. 130/250, MATL. COVERED IN					11631111360-22A,MA BY QC & LLOYDS				
4	0003	AA1011819090		ZROH	F70	PLATE 12 IS2062 GRE250(FE410W) QLTY-B			
D=175.000									
MM	1.000	2.266	KG	2.266					
AA10119		13			A3				01.04.2010
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS				
3	0016	11631111360-01		HALB	F30	FEED WATER OUTLET 14"			
		1.000	EA	202.510			11631111360-01		00
					1.000		x		01.04.2010
S1, FOR NOZZLE CONFIG. REFER VAR 32 OF					DRG. 11631011267				
4	0001	AA1049455070		ZROH	F70	PIPE(SMLS) 355.6X12.7 CS SA106 GR B			
LENGTH =480.000									
MM	1.000	0.480	M	51.552					
AA10455		09			A3				01.04.2010
					MA BY QC & LLOYDS				
4	0002	11631111360-01A		HALB	F30	RF. PAD DIA. 372/550			
		1.000	EA	20.080			11631111360-01		00
					1.000		x		01.04.2010
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD			
SQUARE = 560.000 X 560.000									
MM	1.000	44.312	KG	44.312					
HY10470		06			A3				01.04.2010
					MA BY QC & LLOYDS				

Lvl	Pos No	Item	Material No	Mat type	SPK	Description			
RM Size									
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)		Drq no	Drq Rev		
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks				
4	0003	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B			
D=410.000									
MM	1.000	33.165	KG	33.165					
AA10119		13			A3				01.04.2010
BLANKING PLATE					MA BY QC & LLOYDS				
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)			
RECTANGLE :436.000 X 500.000									
MM	1.000	34.226	KG	34.226					
HY10470-SA516GR70		06	SA516GR70		A1				01.04.2010
VERTICAL PLATE					MA BY QC				
4	0005	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)			
RECTANGLE :208.000 X 500.000									
MM	2.000	32.656	KG	16.328					
HY10470-SA516GR70		06	SA516GR70		A1				01.04.2010
VERTICAL PLATE					MA BY QC				
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)			
D=516.000									
MM	1.000	32.831	KG	32.831					
HY10470-SA516GR70		06	SA516GR70		A1				01.04.2010
COVER PLATE					MA BY QC				
3	0017	11631111360-02		HALB	F30	OVERFLOW CONN. 4"			
		1.000	EA	35.670		11631111360-02		00	
					1.000		x		01.04.2010
S2, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267				
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B			
LENGTH =950.000									
MM	1.000	0.950	M	26.904					
AA10455		09			A3				01.04.2010
					MA BY QC & LLOYDS				
4	0002	11631111360-02A		HALB	F30	SPHERICAL DISH DIA. 130/250X18			
		1.000	EA	7.090		11631111360-02		00	
					1.000		x		01.04.2010

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111959-00A

01

P006

270 MW DEAERATOR ST.TANK ASSLY (SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631111959-00

Drg

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
5	0001									
		1.000	ST							
										01.04.2010
SPH. DISH DIA. 130/250, MATL. COVERED IN					11631111360-06A					
4	0003	AA1011819090	ZROH	F70	PLATE 12 IS2062 GRE250(FE410W) QLTY-B					
D=175.000										
MM	1.000	2.266	KG	2.266						
AA10119		13		A3						01.04.2010
BLANKING PLATE					MA BY QC & LLOYDS					
3	0018	HY1041870132	ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :100.000 X 770.000										
MM	1.000	12.089	KG	12.089						
HY10470-SA516GR70		06	SA516GR70	A1						01.04.2010
RIB					MA BY QC					
3	0019	41631112198-30	HALB	F30	NAME PLATE HOLDER					
		1.000	EA	20.800			41631112198-30		00	
						1.000		x		01.04.2010
4	0001	HY1041898673	ZROH	F70	PLT BQ 5 (SA516 Gr 70)					
RECTANGLE :550.000 X 990.000										
MM	1.000	21.372	KG	20.790						
HY10498-SA516/70		01								09.06.2009
3	0020	HE9715673058	ZSUD	F	NAME PLATE FOR DEAERATOR					
		1.000	EA	1.770			31631111235-00		01	
			SS304							01.04.2010
FOR NAME PLATE DETAILS REFER ST.TANK					ASSLY. DRG.					
3	0021	AA7122101150	ZSUD	F70	SCRU SLT CSK A P M 6X12-4.8					
		4.000	EA	0.003						
AA7122101-05		05	IS1365AP-4.8							01.04.2010

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00A	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-I)		1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,274.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0022	AA7242502241		ZSUD	F70	ELBOW LR 90DEG CS 4" SCH 160 BW ENDS					
		1.000	EA	8.100							
AA7242502-02		02	ANSI B 16.9		A1					01.04.2010	
FOR S2					MA BY QC & LLOYDS						
3	0023	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		1.000	EA	0.300							
HE91003V03			SA516/70 (VCD)							01.04.2010	
ON HYDROTEST BLANKING PLATE FOR S1											
3	0024	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)					
		3.000	EA	0.200							
HE91003V02-SA105			SA105							01.04.2010	
ON HYDROTEST BLANKING PLATE FOR S10,S13											
3	0100	D11631011267				NOZZLE ATTACHMENT DETAILS					
		1.000	ST								
		00								01.04.2010	
NOZZLE ATTACHMENT DETAILS											
1	0101	31631111641-03A		HALB	F30	BOTTOM PLATE (FOR SLIDING SUPPORT)					
		1.000	EA	179.900			31631111641-03			00	
						1.000				15.02.2011	
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :305.000 X 3,048.000											
MM	1.000	182.442	KG	179.890							
AA10119		13			A1					02.06.2009	
1	0102	41631113965-03SC		HALB	F30	SS PLATE					
		2.000	EA	19.670			41631113965-03			00	
						1.000				15.02.2011	

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111959-00A

01

P006

270 MW DEAERATOR ST.TANK ASSLY (SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631111959-00

Drg

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :250.000 X 2,000.000											
MM	2.000	40.000	KG	20.000							
HY10786		00			A1					01.06.2010	
1	0105	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300					
		4.000	EA	4.870							
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011	
1	0106	AA7161001137		ZSUD	F70	WASHER MCD 43-ST					
		8.000	EA	0.018							
AA7161001-03		03	IS2016 ST		A1					21.02.2011	
1	0107	AA7246106103		ZSUD	F70	FLANGE SOW CS 4" CL 300 RAISED FACE					
		1.000	EA	10.000							
AA7246106-02		02	ANSI B 16.5		A1					21.02.2011	
FOR S8											
1	0108	HY7240363074		ZSUD	F	NAB M.S.W. GASKET SIZE 4" #300 PTFE					
		1.000	EA	0.080							
HY7240363		00	PTFE		A1					21.02.2011	
FOR S8											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0002	31631111959-00B		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-II)					
		1.000	EA	19,347.000			31631111959-00			00	
						1.000				15.02.2011	
GROUP 2 & 5											
2	0002	31631111917-00B		HALB	F30	SHELL ASSLY (SEC-II)					
		1.000	EA	18,072.000			31631111917-00			00	
						1.000		x		15.02.2011	
GROUP 1 TO 6											
3	0001	41631113425-01		HALB	F30	SHELL SEGMENT					
		3.000	EA	4,007.100			41631113425-01			00	
						1.000		x		01.04.2010	
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :2,500.000 X 11,380.000											
MM	3.000	12,059.95	KG	4,007.130							
HY10470		06			A1					02.06.2009	
3	0002	41631113425-02		HALB	F30	SHELL SEGMENT					
		1.000	EA	2,880.200			41631113425-02			00	
						1.000		x		01.04.2010	
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :1,800.000 X 11,380.000											
MM	1.000	2,894.389	KG	2,880.220							
HY10470		06			A1					02.06.2009	
3	0003	41631113426-02		HALB	F30	STIFFENER RING OD 3596/ ID 3196X 25MM					
		2.000	EA	419.600			41631113426-02			00	
						2.000		x		01.04.2010	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,140.000 X 2,800.000												
MM	1.000	1,175.930	KG	1,175.930								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
						MA BY QC,LLOYDS & CUSTOMER REP.						
3	0004	41631113049-00D		HALB	F30	SPIDER ASSLY						
		2.000	EA	642.500			41631113049-00			00		
						1.000		x		01.04.2010		
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A						
LENGTH =1,600.000												
MM	16.000	384.000	KG	24.000								
AA10108		10			A1					02.06.2009		
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=500.000												
MM	2.000	61.654	KG	30.890								
AA10119		13			A1					02.06.2009		
						MA BY QC						
4	0003	41631113342-02		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)						
		2.000	EA	419.600			41631113342-02			00		
						2.000		x		02.06.2009		
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,140.000 X 2,800.000												
MM	1.000	1,175.930	KG	1,240.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
						MA BY QC						
3	0005	31631111640-00		HALB	F30	FIXED SUPPORT						
		1.000	EA	741.800			31631111640-00			00		
						1.000		x		01.04.2010		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
20,338.000	HEEDEASH	15.02.2011		31631111959-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	31631111640-01		HALB	F30	PAD						
		1.000	EA	241.500			31631111640-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :405.000 X 4,212.000												
MM	1.000	241.038	KG	241.530								
HY10470		06			A1					02.06.2009		
4	0002	31631111640-02		HALB	F30	VERTICAL RIB						
		1.000	EA	230.000			31631111640-02			00		
						1.000		x		02.06.2009		
MA BY QC												
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :1,140.000 X 3,185.000												
MM	1.000	570.051	KG	230.010								
AA10119		13			A1					02.06.2009		
4	0003	31631111640-03		HALB	F30	BASE PLATE						
		1.000	EA	180.400			31631111640-03			00		
						1.000		x		02.06.2009		
MA BY QC												
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :305.000 X 3,048.000												
MM	1.000	182.442	KG	180.420								
AA10119		13			A1					02.06.2009		
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :143.000 X 285.000												
MM	4.000	25.596	KG	6.300								
AA10119		13			A1					02.06.2009		
RIB					MA BY QC							

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :143.000 X 725.000												
MM	4.000	65.108	KG	16.277								
AA10119		13			A1					19.10.2009		
RIB						MA BY QC						
3	0006	31631111642-01		HALB	F30	PAD						
		2.000	EA	151.800			31631111642-01			00		
						1.000		x		01.04.2010		
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :350.000 X 3,063.000												
MM	2.000	302.962	KG	151.790								
HY10470		06			A1					02.06.2009		
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								01.04.2010		
WELDING DETAILS AND WPS NOS.												
2	0005	11631111360-00B		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-II)						
		1.000	EA	1,275.000			11631111360-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 9												
3	0001	11631111360-22		HALB	F30	DOWN COMMER CONN. 24"						
		2.000	EA	123.590			11631111360-22			00		
						1.000		x		01.04.2010		
C2, FOR NOZZLE CONFIG. REFER VAR 01 OF						DRG. 11631011267						
4	0001	41631612846-01		HALB	F30	PIPE-24"						
		2.000	EA	70.100			41631612846-01			00		
						1.000		x		01.04.2010		
200mm EXTRA FOR FIXTURE												

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111959-00B

01

P006

270 MWDEAERATOR ST.TANK ASSLY (SEC-II)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

3163111959-00

Dr g

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)						
RECTANGLE :560.000 X 1,890.000												
MM	2.000	232.636	KG	1.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
4	0002	11631111360-22A		HALB	F30	RF. PAD DIA. 626/850						
		2.000	EA	40.440			11631111360-22			00		
						1.000		x		01.04.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 870.000 X 870.000												
MM	2.000	213.900	KG	106.950								
HY10470		06			A3					01.04.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)						
D=660.000												
MM	2.000	26.856	KG	13.428								
HY10498-SA516/70		01								01.04.2010		
TRANSPORT COVER PLATE					MA BY QC							
3	0002	11631111360-21		HALB	F30	EQUILIZER CONN. 18"						
		2.000	EA	83.190			11631111360-21			00		
						1.000		x		01.04.2010		
C1, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267							
4	0001	41631612846-02		HALB	F30	PIPE-18"						
		2.000	EA	50.400			41631612846-02			00		
						1.000		x		01.04.2010		
200mm EXTRA FOR FIXTURE												
5	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)						
RECTANGLE :540.000 X 1,405.000												
MM	2.000	166.762	KG	1.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
20,338.000	HEEDEASH	15.02.2011		31631111959-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0002	11631111360-21A		HALB	F30	RF. PAD DIA. 473/650						
		2.000	EA	24.310			11631111360-21			00		
						1.000		x		01.04.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 660.000 X 660.000												
MM	2.000	123.100	KG	61.550								
HY10470		06			A3					01.04.2010		
						MA BY QC & LLOYDS						
4	0003	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)						
D=525.000												
MM	2.000	16.994	KG	8.497								
HY10498-SA516/70		01								01.04.2010		
TRANSPORT COVER PLATE						MA BY QC						
3	0003	11631111360-09		HALB	F30	SAMPLING CONN. 1"						
		1.000	EA	1.260			11631111360-09			00		
						1.000		x		01.04.2010		
S9, FOR NOZZLE CONFIG. REFER VAR 06 OF						DRG. 11631011267						
4	0001	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55						
		1.000	EA	0.960								
HE91001V03			HE91001V03		A3					01.04.2010		
MA BY QC & LLOYDS						MA BY QC & LLOYDS						
4	0002	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000	EA	0.300								
HE91003V03			SA516/70 (VCD)		A3					01.04.2010		
MA BY QC & LLOYDS												
3	0004	41631113482-03		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	166.400			41631113482-03			00		
						1.000		x		01.04.2010		
FOR N17												

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355679		ZROH	F70	PIPE(SMLS) 273.1X 7.8 CS SA106 GR B						
LENGTH =3,280.000												
MM	1.000	3.280	M	1.000								
AA10455		09			A2					02.06.2009		
3	0005	41631113482-04		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	304.800			41631113482-04			00		
						1.000		x		01.04.2010		
FOR N17												
4	0001	AA1049355679		ZROH	F70	PIPE(SMLS) 273.1X 7.8 CS SA106 GR B						
LENGTH =6,000.000												
MM	1.000	6.000	M	1.000								
AA10455		09			A2					02.06.2009		
3	0006	41631113485-00		HALB	F30	HEATING STEAM SUPPORT ASSY.						
		6.000	EA	28.300			41631113485-00			00		
						1.000		x		01.04.2010		
4	0001	41631113348-08		HALB	F30	PAD						
		12.000	EA	1.400			41631113348-08			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
SQUARE = 150.000 X 150.000												
MM	12.000	16.956	KG	1.000								
HY10470		06			A1					02.06.2009		
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =1,070.000												
MM	12.000	114.276	KG	9.410								
AA10108		10			A1					02.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
20,338.000	HEEDEASH	15.02.2011		31631111959-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	41631113485-00A		HALB	F30	ANGLE ISMA 75X75X8						
		6.000	EA	4.200			41631113485-00			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTy-A						
LENGTH =474.000												
MM	6.000	25.314	KG	1.000								
AA10108		10		A1						02.06.2009		
4	0004	HY9603148091		ZSUD	F70	U-BOLT GALVZD 10"						
		6.000	EA	2.390								
HY9603148-04		04		A1						02.06.2009		
3	0007	11631111360-04		HALB	F30	DRAIN & SPARE CONN. 4"						
		1.000	EA	16.370			11631111360-04			00		
						1.000		x		01.04.2010		
S4, FOR NOZZLE CONFIG. REFER VAR 02 OF					DRG. 11631011267							
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =315.000												
MM	1.000	0.315	M	8.921								
AA10455		09		A3						01.04.2010		
					MA BY QC & LLOYDS							
4	0002	11631111360-04A		HALB	F30	RF. PAD DIA. 130/250						
		1.000	EA	5.580			11631111360-04			00		
						1.000		x		01.04.2010		
5	0001											
		1.000	ST									
										01.04.2010		
RF. PAD DIA. 130/250, MATL. COVERED IN					11631111360-21A,MA BY QC & LLOYDS							

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)		1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	AA1011819090		ZROH	F70	PLATE 12 IS2062 GRE250(FE410W) QLTY-B						
D=175.000												
MM	1.000	2.266	KG	2.266								
AA10119		13			A3					01.04.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							
3	0008	11631111360-01		HALB	F30	FEED WATER OUTLET 14"						
		1.000	EA	202.510			11631111360-01			00		
						1.000		x		01.04.2010		
S1, FOR NOZZLE CONFIG. REFER VAR 32 OF					DRG. 11631011267							
4	0001	AA1049455070		ZROH	F70	PIPE(SMLS) 355.6X12.7 CS SA106 GR B						
LENGTH =480.000												
MM	1.000	0.480	M	51.552								
AA10455		09			A3					01.04.2010		
					MA BY QC & LLOYDS							
4	0002	11631111360-01A		HALB	F30	RF. PAD DIA. 372/550						
		1.000	EA	20.080			11631111360-01			00		
						1.000		x		01.04.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 560.000 X 560.000												
MM	1.000	44.312	KG	44.312								
HY10470		06			A3					01.04.2010		
					MA BY QC & LLOYDS							
4	0003	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
D=410.000												
MM	1.000	33.165	KG	33.165								
AA10119		13			A3					01.04.2010		
BLANKING PLATE					MA BY QC & LLOYDS							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :436.000 X 500.000												
MM	1.000	34.226	KG	34.226								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
VERTICAL PLATE					MA BY QC							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :208.000 X 500.000												
MM	2.000	32.656	KG	16.328								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
VERTICAL PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
D=516.000												
MM	1.000	32.831	KG	32.831								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
COVER PLATE					MA BY QC							
3	0009	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		2.000	EA	0.300								
HE91003V03			SA516/70 (VCD)							01.04.2010		
ON HYDROTEST BLANKING PLATE FOR S1,S4												
3	0100	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								01.04.2010		
NOZZLE ATTACHMENT DETAILS												
1	0131	41631113419-01		HALB	F30	SPOOL PIECE						
		2.000	EA	54.400			41631113419-01			00		
						1.000				15.02.2011		
FOR C2, ROLL PIPE AS PER 41631612846-03												
2	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)						
RECTANGLE :274.000 X 1,890.000												
MM	2.000	113.826	KG	1.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
1	0132	41631113419-02		HALB	F30	SPOOL PIECE						
		2.000	EA	40.500			41631113419-02			00		
						1.000				15.02.2011		
FOR C1, ROLL PIPE AS PER 41631612846-04												

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
2	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)					
RECTANGLE :274.000 X 1,405.000											
MM	2.000	84.616	KG	1.000							
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
1	0133	HY7142198630		ZSUD	F70	STUD 2 NUTS M27X130					
		8.000	EA	0.987							
HY7142198-04		04	ASTM A193B7/194 2H		A1					21.02.2011	
FOR FIXING DEAERATOR HEATER											
1	0134	HY7161096170		ZSUD	F70	WASHER MCD GAL 28-ST					
		16.000	EA	0.042							
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011	
FOR FIXING DEAERATOR HEATER											
1	0135	41631113420-01		HALB	F30	BACKING RING					
		4.000	EA	7.000			41631113420-01			00	
						1.000				15.02.2011	
FOR C1											
2	0001	HY1041870078		ZROH	F70	PLT BQ 10 VCD					
RECTANGLE :50.000 X 1,800.000											
MM	4.000	28.260	KG	1.000							
HY10470		06			A1					02.06.2009	
1	0136	41631113420-02		HALB	F30	BACKING RING					
		4.000	EA	5.100			41631113420-02			00	
						1.000				15.02.2011	
FOR C2											
2	0001	HY1041870078		ZROH	F70	PLT BQ 10 VCD					
RECTANGLE :50.000 X 1,325.000											
MM	4.000	20.804	KG	1.000							
HY10470		06			A1					02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0137	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300						
		8.000		EA	4.870							
HY7142299-04		04	ASTM A193B7/194 2H							21.02.2011		
1	0138	AA7161001137		ZSUD	F70	WASHER MCD 43-ST						
		16.000		EA	0.018							
AA7161001-03		03	IS2016 ST		A1					21.02.2011		
1	0139	31631111640-03C		HALB	F30	BOTTOM PLATE (FIXED SUPPORT)						
		1.000		EA	180.400			31631111640-03		00		
						1.000				15.02.2011		
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :305.000 X 3,048.000												
MM	1.000	182.442		KG	182.442							
AA10119		13			A1					03.02.2011		
					MA BY QC							
1	0140	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS						
		1.000		EA	3.400							
AA7501468-00		00	BS:5352		A1					21.02.2011		
FOR S9												
1	0141	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B						
LENGTH =1,000.000												
MM	1.000	1.000		M	3.240							
AA10455		09			A1					21.02.2011		
FOR S9												
1	0142	31631111642-00		HALB	F30	HEATER SUPPORT						
		2.000		EA	259.300			31631111642-00		00		
						1.000				15.02.2011		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00B	01	P006	270 MWDEAERATOR ST.TANK ASSLY (SEC-II)	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
20,338.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
2	0001	31631111642-02		HALB	F30	VERTICAL RIB						
		2.000	EA	107.800			31631111642-02			00		
						1.000		x		02.06.2009		
3	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :720.000 X 2,600.000												
MM	2.000	587.808	KG	107.850								
AA10119		13				A1				02.06.2009		
2	0002	31631111642-03		HALB	F30	BASE PLATE						
		2.000	EA	97.800			31631111642-03			00		
						1.000		x		02.06.2009		
3	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :250.000 X 2,000.000												
MM	2.000	196.250	KG	97.770								
AA10119		13				A1				02.06.2009		
2	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :115.000 X 305.000												
MM	8.000	44.056	KG	5.430								
AA10119		13				A1				02.06.2009		
RIB						MA BY QC						
2	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :115.000 X 445.000												
MM	8.000	64.272	KG	8.034								
AA10119		13				A1				09.11.2009		
RIB						MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
1	0003	31631111959-00C		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-III)						
		1.000	EA	17,952.000			31631111959-00			00		
						1.000				15.02.2011		
GROUP 3 & 6												
2	0001	31631111917-00A		HALB	F30	SHELL ASSLY (SEC-I)						
		1.000	EA	16,421.000			31631111917-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 5												
3	0001	41631113425-01		HALB	F30	SHELL SEGMENT						
		3.000	EA	4,007.100			41631113425-01			00		
						1.000		x		01.04.2010		
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :2,500.000 X 11,380.000												
MM	3.000	12,059.95	KG	4,007.130								
HY10470		06			A1					02.06.2009		
3	0002	41631113278-03		HALB	F30	DISHED END ID 3600X18MM MIN THK. SF=75						
		1.000	EA	2,606.000			41631113278-03			01		
						1.000		x		01.04.2010		
4	0001	HE9711834480		ZSUD	F	2:1 ELLIP.DISHED END ID3600/18(MIN)SF-75						
		1.000	EA	2,606.000			41631000467V00					
HE51370V00			SA516/70 (VCD)							09.06.2009		
3	0003	41631113426-01		HALB	F30	STIFFENER RING OD 3596/ ID 3196X 25MM						
		1.000	EA	419.600			41631113426-01			00		
						1.000		x		01.04.2010		

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST. TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

3163111959-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :1,540.000 X 2,140.000												
MM	1.000	646.762	KG	646.761								
HY10470-SA516GR70		06	SA516GR70		A1					09.06.2009		
3	0004	41631113049-00		HALB	F30	SPIDER ASSLY						
		1.000	EA	642.500			41631113049-00			00		
						1.000		x		01.04.2010		
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A						
LENGTH =1,600.000												
MM	8.000	192.000	KG	24.000								
AA10108		10			A1					02.06.2009		
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=500.000												
MM	1.000	30.827	KG	30.000								
AA10119		13			A1					02.06.2009		
CENTRE PLATE												
4	0003	41631113342-01		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)						
		1.000	EA	419.600			41631113342-01			00		
						1.000		x		02.06.2009		
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,140.000 X 1,540.000												
MM	1.000	646.762	KG	683.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
3	0005	31631111641-00		HALB	F30	SLIDING SUPPORT ASSLY						
		1.000	EA	731.400			31631111641-00			00		
						1.000		x		01.04.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	31631111641-01		HALB	F30	PAD					
		1.000	EA	241.500			31631111641-01			00	
						1.000		x		09.06.2009	
MA BY QC & LLOYDS											
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :405.000 X 4,212.000											
MM	1.000	241.038	KG	241.530							
HY10470		06			A1					09.06.2009	
4	0002	31631111641-02		HALB	F30	VERTICAL RIB					
		1.000	EA	222.800			31631111641-02			00	
						1.000		x		09.06.2009	
MA BY QC											
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,125.000 X 3,185.000											
MM	1.000	562.551	KG	222.820							
AA10119		13			A1					09.06.2009	
4	0003	31631111641-03		HALB	F30	BASE PLATE					
		1.000	EA	179.900			31631111641-03			00	
						1.000		x		09.06.2009	
MA BY QC											
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :305.000 X 3,048.000											
MM	1.000	182.442	KG	179.890							
AA10119		13			A1					09.06.2009	
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :143.000 X 270.000											
MM	4.000	24.248	KG	5.970							
AA10119		13			A1					09.06.2009	
RIB											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111959-00C	01	P006	270 MW	DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on		Drq no
18,199.000	HEEDEASH	15.02.2011			31631111959-00
					Drq Rev 00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :143.000 X 710.000												
MM	4.000	63.760	KG	15.810								
AA10119		13			A1					09.06.2009		
RIB												
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								01.04.2010		
WELDING DETAILS AND WPS NOS.												
2	0004	11631111360-00A		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-I)						
		1.000	EA	1,600.000			11631111360-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 24												
3	0001	31631111588-07E		HALB	F30	MANHOLE ASSY.(20" ANSI 300 SORF)						
		1.000	EA	490.500			31631111588-07			00		
						1.000		x		01.04.2010		
S6, REFER VAR 06 OF DRG. 11631111360												
4	0001	AA1049455380		ZROH	F70	PIPE(SMLS) 508 X 12.7 CS SA106 GR B						
LENGTH =470.000												
MM	1.000	0.470	M	56.880								
AA10455		09			A2					09.06.2009		
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF						
		1.000	EA	135.000								
AA7246106		02	ANSI B 16.5							09.06.2009		
MA BY QC & LLOYDS												
4	0003	HY7240363155		ZSUD	F	NAB M.S.W. GASKET SIZE 20" #300 PTFE						
		1.000	EA	0.480								
HY7240363		00	PTFE		A1					09.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST						
		24.000	EA	2.441								
HY7142299-04		04	ASTM A193B7/194 2H		A1					09.06.2009		
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300						
		1.000	EA	150.000								
HY7246772		02	A105		A2					09.06.2009		
MA BY QC & LLOYDS												
4	0006	31631111588-07A		HALB	F30	HANDLE						
		2.000	EA	0.800			31631111588-07			00		
						1.000		x		09.06.2009		
5	0001	HY1010299107		ZROH	F70	RND CS 20						
LENGTH =340.000												
MM	2.000	1.672	KG	1.000								
HY10199		03								02.06.2009		
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07			00		
						1.000		x		09.06.2009		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ)IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07			00		
						1.000		x		09.06.2009		
MA BY QC												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		09.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							09.06.2009		
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							09.06.2009		
3	0002	11631111360-06A		HALB	F30	SPH DISH DIA. 750/524 MIN. THK. 18						
		1.000	EA	44.740			11631111360-06			00		
						1.000		x		01.04.2010		
FOR S6												
4	0001	HE9711834499		ZSUD	F	SP.DISH OD750/18(MIN) TO MATCH OD-3636						
		1.000	EA	85.900			41631000467V00					
			SA516/70 (VCD)		A3					01.04.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0003	11631111360-05		HALB	F30	VENTILATOR CONN. 6"					
		1.000	EA	60.700			11631111360-05			00	
						1.000		x		01.04.2010	
S5, FOR NOZZLE CONFIG. REFER VAR 04 OF					DRG. 11631011267						
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B					
LENGTH =265.000											
MM	1.000	0.265	M	11.278							
AA10455		09			A3					01.04.2010	
					MA BY QC & LLOYDS						
4	0002	11631111360-05A		HALB	F30	RF. PAD DIA. 184/300					
		1.000	EA	6.870			11631111360-05			00	
						1.000		x		01.04.2010	
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
SQUARE = 310.000 X 310.000											
MM	1.000	13.579	KG	13.579							
HY10470		06			A3					01.04.2010	
					MA BY QC & LLOYDS						
4	0003	AA7246106120		ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE					
		1.000	EA	16.500							
AA7246106-02		02	ANSI B 16.5		A3					01.04.2010	
					MA BY QC & LLOYDS						
4	0004	HY7142198192		ZSUD	F70	STUD 2 NUTS M20X130					
		12.000	EA	0.513							
HY7142198-04		04	ASTM A193B7/194 2H		A1					01.04.2010	
4	0005	HY7246772120		ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE					
		1.000	EA	12.000							
HY7246772-02		02	ANSI:B16.5		A3					01.04.2010	
					MA BY QC & LLOYDS						

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

31631111959-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0006	HY7240363082		ZSUD	F	NON ASBESTOS M.S.W. GASKET SIZE 6" CLAS						
		1.000	EA	0.150								
HY7240363		00	PTFE		A1					01.04.2010		
3	0004	11631111360-24		HALB	F30	TEMP. GAUGE & ELEMENT CONN. M33X2						
		1.000	EA	0.680			11631111360-24			00		
						1.000		x		01.04.2010		
C6												
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCRW M33X2-F L=45 40						
		1.000	EA	0.400								
AA7326101-01		01			A3					01.04.2010		
MA BY QC & LLOYDS					MA BY QC & LLOYDS							
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2						
		1.000	EA	0.280								
HY9601207-01-03		03			A3					01.04.2010		
MA BY QC & LLOYDS												
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2						
		1.000	EA	0.001								
HY7161094-00-00-01		01	CSN029310		A1					01.04.2010		
3	0005	41631112231-00		HALB	F30	HOOK						
		2.000	EA	2.670			41631112231-00			00		
						1.000		x		01.04.2010		
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8						
LENGTH =1,200.000												
MM	2.000	5.904	KG	1.000								
AA10208		07								02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00C	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
18,199.000	HEEDEASH	15.02.2011		31631111959-00
				Drg Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
3	0006	41631113482-01		HALB	F30	INITIAL HEATING PIPE				
		1.000	EA	75.200			41631113482-01		00	
						1.000		x		01.04.2010
4	0001	AA1049355679		ZROH	F70	PIPE(SMLS) 273.1X 7.8 CS SA106 GR B				
LENGTH =1,490.000										
MM	1.000	1.490	M	75.200						
AA10455		09			A2					09.06.2009
3	0007	41631113482-02		HALB	F30	INITIAL HEATING PIPE				
		1.000	EA	304.400			41631113482-02		00	
						1.000		x		01.04.2010
4	0001	AA1049355679		ZROH	F70	PIPE(SMLS) 273.1X 7.8 CS SA106 GR B				
LENGTH =6,000.000										
MM	1.000	6.000	M	304.380						
AA10455		09			A2					09.06.2009
3	0008	41631113485-00		HALB	F30	HEATING STEAM SUPPORT ASSY.				
		6.000	EA	28.300			41631113485-00		00	
						1.000		x		01.04.2010
4	0001	41631113348-08		HALB	F30	PAD				
		12.000	EA	1.400			41631113348-08		00	
					A3	1.000		x		02.06.2009
MA BY QC & LLOYDS										
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD				
SQUARE = 150.000 X 150.000										
MM	12.000	16.956	KG	1.000						
HY10470		06			A1					02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU		Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =1,070.000												
MM	12.000	114.276	KG	9.410								
AA10108		10			A1					02.06.2009		
4	0003	41631113485-00A		HALB	F30	ANGLE ISMA 75X75X8						
		6.000	EA	4.200			41631113485-00			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =474.000												
MM	6.000	25.314	KG	1.000								
AA10108		10			A1					02.06.2009		
4	0004	HY9603148091		ZSUD	F70	U-BOLT GALVZD 10"						
		6.000	EA	2.390								
HY9603148-04		04			A1					02.06.2009		
3	0009	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=325.000												
MM	1.000	16.280	KG	16.280								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
END PLATE					MA BY QC							
3	0010	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
D=50.000												
MM	4.000	0.616	KG	0.154								
HY10470		06			A3					01.04.2010		
PAD FOR MANHOLE HOOK, MATCH TO DISHD					END CONTOUR,MA BY QC & LLOYDS							
3	0011	11631111360-07		HALB	F30	STANDPIPE CONN. 2"						
		2.000	EA	4.700			11631111360-07			00		
						1.000		x		01.04.2010		
S7, FOR NOZZLE CONFIG. REFER VAR 06 OF					DRG. 11631011267							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75					
		2.000	EA	3.500							
HE91001V06			HE91001V06		A3					01.04.2010	
					MA BY QC & LLOYDS						
4	0002	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		2.000	EA	1.200							
HE91003V00			SA105		A3					01.04.2010	
3	0012	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B					
LENGTH =1,060.000											
MM	1.000	1.060	M	30.019							
AA10455		09			A1					01.04.2010	
FOR S2					MA BY QC & LLOYDS						
3	0013	11631111360-10		HALB	F30	BFP RECIRCULATION CONN. 6"					
		2.000	EA	58.630			11631111360-10			00	
						1.000		x		01.04.2010	
S10, FOR NOZZLE CONFIG. REFER VAR 10 OF					DRG. 11631011267						
4	0001	AA1049355555		ZROH	F70	PIPE(SMLS) 168.3X21.95 CS SA106 GR B					
LENGTH =470.000											
MM	2.000	0.940	M	37.233							
AA10455		09			A3					01.04.2010	
					MA BY QC & LLOYDS						
4	0002	11631111360-10A		HALB	F30	RF. PAD DIA. 184/300					
		2.000	EA	6.870			11631111360-10			00	
						1.000		x		01.04.2010	
5	0001										
		2.000	ST								
										01.04.2010	
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111360-01A, MA BY QC & LLOYDS						

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

31631111959-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description
RM Size					
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)	Drq no
Spec No		SR ev	Matl.Std	Insp agency	Base Qty
Engineering Remarks			Technology Remarks		
4	0003	AA1011819112	ZROH	F70	PLATE 16 IS2062 GRE250(FE410W) QLTY-B
D=220.000					
MM	2.000	9.548	KG	4.774	
AA10119		13		A3	
BLANKING PLATE, DRILL 1/2" NPT HOLE				MA BY QC & LLOYDS	
4	0004	41631612813-00	HALB	F30	6" SS PIPE
		2.000	EA	7.530	41631612813-00
				1.000	x
5	0001	AA1071155369	ZROH	F70	PIPE(SMLS) 168.3X7.1 S.S SA312 GRTP321
LENGTH =330.000					
MM	2.000	0.660	M	7.600	
AA10755		07		A1	
4	0005	HY1071886096	ZROH	F70	PLT SS 12 TP304L
D=220.000					
MM	2.000	7.298	KG	3.649	
HY10786		00		A1	
END PLATE				MA BY QC	
3	0014	11631111360-08	HALB	F30	INITIAL FILLING CONN. 4"
		1.000	EA	38.420	11631111360-08
				1.000	x
S8, FOR NOZZLE CONFIG. REFER VAR 03 OF				DRG. 11631011267	
4	0001	AA1049355431	ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B
LENGTH =265.000					
MM	1.000	0.265	M	7.505	
AA10455		09		A3	
				MA BY QC & LLOYDS	
4	0002	11631111360-08A	HALB	F30	RF. PAD DIA. 130/250
		1.000	EA	5.580	11631111360-08
				1.000	x

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST. TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

31631111959-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001										
		1.000	ST								
											01.04.2010
RF. PAD DIA. 130/250, MATL. COVERED IN					11631111360-22A,MA BY QC & LLOYDS						
4	0003	AA7246106103	ZSUD	F70	FLANGE SOW CS 4" CL 300 RAISED FACE						
		1.000	EA	10.000							
AA7246106-02		02	ANSI B 16.5		A3						01.04.2010
					MA BY QC & LLOYDS						
4	0004	HY7142198176	ZSUD	F70	STUD 2 NUTS M20X110						
		8.000	EA	0.464							
ASTM A193B7/194 2H			HY7142198-04		A1						01.04.2010
4	0005	HY7240363074	ZSUD	F	NAB M.S.W. GASKET SIZE 4" #300 PTFE						
		1.000	EA	0.080							
HY7240363		00	PTFE		A1						01.04.2010
4	0006	HY7246772103	ZSUD	F70	FLANGE BLIND CS 4" CL 300 RAISED FACE						
		1.000	EA	10.000							
HY7246772-02		02	ANSI:B16.5		A3						01.04.2010
					MA BY QC & LLOYDS						
3	0015	11631111360-13	HALB	F30	SPARE CONN. 4"						
		1.000	EA	16.770			11631111360-13		00		
						1.000		x			01.04.2010
S13, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						
4	0001	AA1049355431	ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =330.000											
MM	1.000	0.330	M	9.346							
AA10455		09			A3						01.04.2010
					MA BY QC & LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0002	11631111360-13A		HALB	F30	RF. PAD DIA. 130/250					
		1.000	EA	5.580			11631111360-13			00	
						1.000		x		01.04.2010	
5	0001										
		1.000	ST								
										01.04.2010	
RF. PAD DIA. 130/250, MATL. COVERED IN					11631111360-22A,MA BY QC & LLOYDS						
4	0003	AA1011819090		ZROH	F70	PLATE 12 IS2062 GRE250(FE410W) QLTY-B					
D=175.000											
MM	1.000	2.266	KG	2.266							
AA10119		13			A3					01.04.2010	
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS						
3	0016	11631111360-01		HALB	F30	FEED WATER OUTLET 14"					
		1.000	EA	202.510			11631111360-01			00	
						1.000		x		01.04.2010	
S1, FOR NOZZLE CONFIG. REFER VAR 32 OF					DRG. 11631011267						
4	0001	AA1049455070		ZROH	F70	PIPE(SMLS) 355.6X12.7 CS SA106 GR B					
LENGTH =480.000											
MM	1.000	0.480	M	51.552							
AA10455		09			A3					01.04.2010	
					MA BY QC & LLOYDS						
4	0002	11631111360-01A		HALB	F30	RF. PAD DIA. 372/550					
		1.000	EA	20.080			11631111360-01			00	
						1.000		x		01.04.2010	
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
SQUARE = 560.000 X 560.000											
MM	1.000	44.312	KG	44.312							
HY10470		06			A3					01.04.2010	
					MA BY QC & LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111959-00C	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
18,199.000	HEEDEASH	15.02.2011		31631111959-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
D=410.000												
MM	1.000	33.165	KG	33.165								
AA10119		13			A3					01.04.2010		
BLANKING PLATE					MA BY QC & LLOYDS							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :436.000 X 500.000												
MM	1.000	34.226	KG	34.226								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
VERTICAL PLATE					MA BY QC							
4	0005	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :208.000 X 500.000												
MM	2.000	32.656	KG	16.328								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
VERTICAL PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
D=516.000												
MM	1.000	32.831	KG	32.831								
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010		
COVER PLATE					MA BY QC							
3	0017	11631111360-02		HALB	F30	OVERFLOW CONN. 4"						
		1.000	EA	35.670			11631111360-02			00		
						1.000		x		01.04.2010		
S2, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267							
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =950.000												
MM	1.000	0.950	M	26.904								
AA10455		09			A3					01.04.2010		
					MA BY QC & LLOYDS							
4	0002	11631111360-02A		HALB	F30	SPHERICAL DISH DIA. 130/250X18						
		1.000	EA	7.090			11631111360-02			00		
						1.000		x		01.04.2010		

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST. TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

31631111959-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
5	0001									
		1.000	ST							
										01.04.2010
SPH. DISH DIA. 130/250, MATL. COVERED IN					11631111360-06A					
4	0003	AA1011819090		ZROH	F70	PLATE 12 IS2062 GRE250(FE410W) QLTY-B				
D=175.000										
MM	1.000	2.266	KG	2.266						
AA10119		13		A3						01.04.2010
BLANKING PLATE					MA BY QC & LLOYDS					
3	0018	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)				
RECTANGLE :100.000 X 770.000										
MM	1.000	12.089	KG	12.089						
HY10470-SA516GR70		06	SA516GR70		A1					01.04.2010
RIB					MA BY QC					
3	0019	41631112198-30		HALB	F30	NAME PLATE HOLDER				
		1.000	EA	20.800			41631112198-30		00	
						1.000		x		01.04.2010
4	0001	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)				
RECTANGLE :550.000 X 990.000										
MM	1.000	21.372	KG	20.790						
HY10498-SA516/70		01								09.06.2009
3	0020	HE9715673058		ZSUD	F	NAME PLATE FOR DEAERATOR				
		1.000	EA	1.770			31631111235-00		01	
			SS304							01.04.2010
FOR NAME PLATE DETAILS REFER ST.TANK					ASSLY. DRG.					
3	0021	AA7122101150		ZSUD	F70	SCRU SLT CSK A P M 6X12-4.8				
		4.000	EA	0.003						
AA7122101-05		05	IS1365AP-4.8							01.04.2010

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111959-00C	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
18,199.000	HEEDEASH	15.02.2011		31631111959-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
3	0022	AA7242502241		ZSUD	F70	ELBOW LR 90DEG CS 4" SCH 160 BW ENDS						
		1.000	EA	8.100								
AA7242502-02		02	ANSI B 16.9		A1					01.04.2010		
FOR S2					MA BY QC & LLOYDS							
3	0023	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000	EA	0.300								
HE91003V03			SA516/70 (VCD)							01.04.2010		
ON HYDROTEST BLANKING PLATE FOR S1												
3	0024	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)						
		3.000	EA	0.200								
HE91003V02-SA105			SA105							01.04.2010		
ON HYDROTEST BLANKING PLATE FOR S10,S13												
3	0100	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								01.04.2010		
NOZZLE ATTACHMENT DETAILS												
1	0161	31631111641-03A		HALB	F30	BOTTOM PLATE (FOR SLIDING SUPPORT)						
		1.000	EA	179.900			31631111641-03			00		
						1.000				15.02.2011		
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :305.000 X 3,048.000												
MM	1.000	182.442	KG	179.890								
AA10119		13			A1					02.06.2009		
1	0162	41631113965-03		HALB	E	SS PLATE						
		2.000	EA	19.670			41631113965-03			00		
						1.000				15.02.2011		

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

3163111959-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :250.000 X 2,000.000											
MM	2.000	40.000	KG	20.000							
HY10786		00			A1					21.08.2009	
1	0164	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300					
		4.000	EA	4.870							
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011	
1	0166	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS					
		1.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					21.02.2011	
FOR C3											
1	0167	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B					
LENGTH =1,000.000											
MM	1.000	1.000	M	1.600							
AA10455		09			A1					21.02.2011	
FOR C3											
1	0170	AA7161001137		ZSUD	F70	WASHER MCD 43-ST					
		8.000	EA	0.018							
AA7161001-03		03	IS2016 ST		A1					21.02.2011	

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111959-00C

01

P006

270 MW DEAERATOR ST. TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

18,199.000

HEEDEASH

15.02.2011

31631111959-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :250.000 X 2,000.000												
MM	2.000	40.000	KG	20.000								
HY10786		00			A1					21.08.2009		
1	0163	HEN217170004		ZROH	F	TEFLON SHT						
RECTANGLE :250.000 X 2,000.000												
MM	2.000	1.000	M2	2.500								
					A1					21.02.2011		
1	0164	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300						
		4.000	EA	4.870								
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011		
1	0166	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS						
		1.000	EA	1.600								
AA7501468-00		00	BS:5352		A1					21.02.2011		
FOR C3												
1	0167	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B						
LENGTH =1,000.000												
MM	1.000	1.000	M	1.600								
AA10455		09			A1					21.02.2011		
FOR C3												
1	0170	AA7161001137		ZSUD	F70	WASHER MCD 43-ST						
		8.000	EA	0.018								
AA7161001-03		03	IS2016 ST		A1					21.02.2011		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
1	0001	31631611681-00		HALB	F30	DEAERATOR HEATER ASSLY					
		1.000	EA	15,924.000			31631611681-00			00	
						1.000				15.02.2011	
GROUP 1 TO 4											
2	0001	31631611642-00		HALB	F30	DEAERATOR HEATER SHELL ASSLY.					
		1.000	EA	8,280.000			31631611642-00			00	
						1.000		x		15.02.2011	
GROUP 1 TO 4											
3	0001	41631612750-01		HALB	F30	SHELL SEGMENT					
		3.000	EA	1,907.100			41631612750-01			00	
						1.000		x		29.03.2010	
4	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)					
RECTANGLE :6,970.000 X 2,500.000											
MM	3.000	5,745.024	KG	1,907.120							
HY10470-SA516GR70		06	SA516GR70		A1					09.06.2009	
3	0002	41631113272-02		HALB	F30	2:1 ELLIPS. DE, ID 2200X14, SF=50					
		2.000	EA	793.000			41631113272-02			00	
						1.000		x		29.03.2010	
4	0001	HE9711834359		ZSUD	F	2:1 ELLIP.DISHED END ID2200/14(MIN)SF-50					
		2.000	EA	793.000			41631000454V00				
HE51370V00			SA516/70 (VCD)							09.06.2009	
3	0003	41631612751-00		HALB	F30	STIFFENER RING DIA. 2480/2230 THK. 14MM					
		2.000	EA	101.800			41631612751-00			00	
						2.000		x		29.03.2010	

Lvl	Pos No	Item	Material No	Mat type	SPK	Description
RM Size						
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)		Drng no
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp
Engineering Remarks			Technology Remarks			
Ph id		Ph id	SPR ind	Valid from		
4	0001	HY1041870108	ZROH	F70	PLT BQ	14 VCD (SA516 Gr70)
RECTANGLE :1,760.000 X 1,790.000						
MM	1.000	346.229	KG	346.228		
HY10470-SA516GR70		06	SA516GR70	A1		09.06.2009
3	0004	31631611369-00	HALB	F30	HEATER SUPPORT	
		2.000	EA	384.600		31631611369-00
				1.000	x	29.03.2010
4	0001	31631611369-01	HALB	F30	SUPPORT PAD	
		2.000	EA	76.100		31631611369-01
				1.000	x	09.06.2009
MA BY QC & LLOYDS						
5	0001	HY1041870108	ZROH	F70	PLT BQ	14 VCD (SA516 Gr70)
RECTANGLE :2,467.000 X 280.000						
MM	2.000	151.830	KG	76.070		
HY10470-SA516GR70		06	SA516GR70	A1		09.06.2009
4	0002	31631611369-02	HALB	F30	VERTICAL PLATE	
		2.000	EA	143.100		31631611369-02
				1.000	x	09.06.2009
MA BY QC						
5	0001	AA1011819139	ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B	
RECTANGLE :1,980.000 X 865.000						
MM	2.000	537.788	KG	143.130		
AA10119		13		A1		09.06.2009
4	0003	31631611369-03	HALB	F30	BASE PLATE	
		2.000	EA	97.300		31631611369-03
				1.000	x	09.06.2009
MA BY QC						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :2,000.000 X 250.000											
MM	2.000	196.250	KG	97.300							
AA10119		13			A1					09.06.2009	
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :343.000 X 115.000											
MM	8.000	49.544	KG	6.190							
AA10119		13			A1					09.06.2009	
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :600.000 X 115.000											
MM	8.000	86.664	KG	10.840							
AA10119		13			A1					09.06.2009	
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.					
		1.000	ST								
		02								29.03.2010	
WELDING DETAILS AND WPS NOS.											
2	0002	11631611452-00A		HALB	F30	DEAERATOR HEATER NOZZLE ASSLY					
		1.000	EA	2,200.000			11631611452-00			00	
						1.000		x		15.02.2011	
GROUP 1 TO 30											
3	0001	11631611452-04		HALB	F30	VENT & START-UP VENT CONN. 2"					
		4.000	EA	4.700			11631611452-04			00	
						1.000		x		29.03.2010	
H4,H11											
4	0001	HE9691002060		ZSUD	F	SW COUPLING ANSI 6000# SS 2"X75					
		4.000	EA	3.500							
HE91002V06			HE91002V06		A3					29.03.2010	
MA BY QC & LLOYDS					MA BY QC & LLOYDS						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0002	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		4.000		EA	1.200						
HE91003V00			SA105		A3					29.03.2010	
MA BY QC & LLOYDS											
3	0002	11631611452-01		HALB	F30	STEAM INLET CONN. 20"					
		1.000		EA	183.330			11631611452-01		00	
					1.000			x		29.03.2010	
H1, FOR NOZZLE CONFIG. REFER VAR 01 OF						DRG. 11631011267					
4	0001	AA1049455380		ZROH	F70	PIPE(SMLS) 508 X 12.7 CS SA106 GR B					
LENGTH =400.000											
MM	1.000	0.400		M	62.052						
AA10455		09			A3					29.03.2010	
						MA BY QC & LLOYDS					
4	0002	11631611452-01A		HALB	F30	SPH DISH DIA.750/524X 14MM MIN.THK					
		1.000		EA	36.160			11631611452-01		00	
					1.000			x		29.03.2010	
5	0001	HE9711834502		ZSUD	F	SP.DISH OD750/14(MIN) TO MATCH OD-2228					
		1.000		EA	69.400			41631000466V00			
			SA516/70 (VCD)		A3					29.03.2010	
						MA BY QC & LLOYDS					
4	0003	AA1011819201		ZROH	F70	PLATE 45 IS2062 GRE250(FE410W) QLTY-B					
D=560.000											
MM	1.000	87.006		KG	87.006						
AA10119		13			A3					29.03.2010	
BLANKING PLATE, DRILL 1/2" NPT HOLE						MA BY QC & LLOYDS					
3	0003	11631611452-02		HALB	F30	CONDENSATE INLET CONN. 12"					
		1.000		EA	64.020			11631611452-02		00	
					1.000			x		29.03.2010	
H2, FOR NOZZLE CONFIG. REFER VAR 01 OF						DRG. 11631011267					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	AA1049355768		ZROH	F70	PIPE(SMLS) 323.9X 12.7 CS SA106 GR B					
LENGTH =300.000											
MM	1.000	0.300	M	29.241							
AA10455		09			A3					29.03.2010	
					MA BY QC & LLOYDS						
4	0002	11631611452-02A		HALB	F30	RF. PAD DIA. 340/500					
		1.000	EA	12.790			11631611452-02			00	
						1.000		x		29.03.2010	
5	0001										
		1.000	ST								
										29.03.2010	
RF. PAD DIA. 340/500, MATL. COVERED IN					11631611452-22A,MA BY QC & LLOYDS						
4	0003	AA1011819163		ZROH	F70	PLATE 28 IS2062 GRE250(FE410W) QLTY-B					
D=375.000											
MM	1.000	24.276	KG	24.276							
AA10119		13			A3					29.03.2010	
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS						
3	0004	11631611452-03		HALB	F30	SAFETY RELIEF CONN. 6"					
		2.000	EA	63.720			11631611452-03			00	
						1.000		x		29.03.2010	
H3, FOR NOZZLE CONFIG. REFER VAR 08 OF					DRG. 11631011267						
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B					
LENGTH =325.000											
MM	2.000	0.650	M	13.832							
AA10455		09			A3					29.03.2010	
4	0002	11631611452-03A		HALB	F30	RF. PAD DIA. 184/300					
		2.000	EA	5.340			11631611452-03			00	
						1.000		x		29.03.2010	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001										
		2.000	ST								
										29.03.2010	
RF. PAD DIA. 184/300, MATL. COVERED IN					11631611452-21A,MA BY QC & LLOYDS						
4	0003	AA7246106120		ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE					
		2.000	EA	16.500							
AA7246106-02		02	ANSI B 16.5		A3					29.03.2010	
MA BY QC & LLOYDS					MA BY QC & LLOYDS						
4	0004	HY7142198230		ZSUD	F70	STUD 2 NUTS M20X170					
		24.000	EA	0.612							
HY7142198-04		04	ASTMA193B7/194-2H		A1					29.03.2010	
4	0005	HY7240365085		ZSUD	F	NAB M.S.W. GASKET SIZE 6" #300 GRPH					
		2.000	EA	0.150							
HY7240365		00	GRAPHITE		A1					29.03.2010	
4	0006	HY7246772120		ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE					
		2.000	EA	12.000							
HY7246772-02		02	ANSI:B16.5		A3					29.03.2010	
MA BY QC & LLOYDS					MA BY QC & LLOYDS						
3	0005	41631612844-02		HALB	F30	PLATE (FOR FIXING TOP CHANNEL)					
		2.000	EA	6.100			41631612844-02		00		
						1.000		x		29.03.2010	
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :450.000 X 125.000											
MM	2.000	14.130	KG	6.100							
HY10470-SA516/70		06			A1					09.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0006	11631611452-22		HALB	F30	DOWN COMMER CONN. 24"					
		2.000	EA	226.410			11631611452-22			00	
						1.000		x		29.03.2010	
C2, FOR NOZZLE CONFIG. REFER VAR 02 OF					DRG. 11631011267						
4	0001	41631612846-05		HALB	F30	PIPE					
		2.000	EA	60.400			41631612846-05			00	
						1.000		x		29.03.2010	
MA BY QC & LLOYDS											
5	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)					
RECTANGLE :1,885.000 X 310.000											
MM	2.000	128.440	KG	60.400							
HY10470-SA516GR70		06	SA516GR70		A1					09.06.2009	
4	0002	11631611452-22A		HALB	F30	RF. PAD DIA. 626/850					
		2.000	EA	30.770			11631611452-22			00	
						1.000		x		29.03.2010	
5	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)					
SQUARE = 870.000 X 870.000											
MM	2.000	166.366	KG	83.183							
HY10470-SA516GR70		06	SA516GR70		A3					29.03.2010	
MA BY QC & LLOYDS											
4	0003	AA1011819210		ZROH	F70	PLATE 50 IS2062 GRE250(FE410W) QLTY-B					
D=660.000											
MM	2.000	268.564	KG	134.282							
AA10119		13			A3					29.03.2010	
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS						
3	0007	41631612776-00		HALB	F30	RIB					
		2.000	EA	16.200			41631612776-00			00	
						1.000		x		29.03.2010	
FOR C2											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70				
RECTANGLE :900.000 X 175.000										
MM	2.000	39.564		KG	16.210					
HY10470-SA516/70		06			A1					09.06.2009
3	0008	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70				
RECTANGLE :175.000 X 442.000										
MM	4.000	38.860		KG	9.715					
HY10470-SA516/70		06			A1					29.03.2010
RIB, FOR C2					MA BY QC					
3	0009	11631611452-21		HALB	F30	EQUALIZER CONN. 18"				
		2.000		EA	167.350			11631611452-21		00
						1.000		x		29.03.2010
C1, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267					
4	0001	41631612846-06		HALB	F30	PIPE				
		2.000		EA	80.300			41631612846-06		00
						1.000		x		29.03.2010
MA BY QC & LLOYDS										
5	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)				
RECTANGLE :1,405.000 X 540.000										
MM	2.000	166.762		KG	80.330					
HY10470-SA516GR70		06	SA516GR70		A1					09.06.2009
4	0002	11631611452-21A		HALB	F30	RF. PAD DIA. 473/650				
		2.000		EA	18.910			11631611452-21		00
						1.000		x		29.03.2010
5	0001	HY1041870108		ZROH	F70	PLT BQ 14 VCD (SA516 Gr70)				
SQUARE = 660.000 X 660.000										
MM	2.000	95.744		KG	47.872					
HY10470-SA516GR70		06	SA516GR70		A3					29.03.2010
					MA BY QC & LLOYDS					

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0003	AA1011819198		ZROH	F70	PLATE 40 IS2062 GRE250(FE410W) QLTY-B					
D=525.000											
MM	2.000	135.946	KG	67.973							
AA10119		13			A3					29.03.2010	
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS						
3	0010	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
D=525.000											
MM	2.000	54.378	KG	27.189							
HY10470-SA516/70		06			A1					29.03.2010	
COVER PLATE, FOR C1					MA BY QC						
3	0011	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :100.000 X 457.000											
MM	2.000	11.480	KG	5.740							
HY10470-SA516/70		06			A1					29.03.2010	
RIB, FOR C1					MA BY QC						
3	0012	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :100.000 X 221.000											
MM	4.000	11.104	KG	2.776							
HY10470-SA516/70		06			A1					29.03.2010	
RIB, FOR C1					MA BY QC						
3	0013	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :50.000 X 225.000											
MM	8.000	11.304	KG	1.413							
HY10470-SA516/70		06			A1					29.03.2010	
RIB, FOR C1					MA BY QC						
3	0014	11631611452-05A		HALB	F30	SPH DISH DIA.750/524X 14MM MIN.THK					
		1.000	EA	36.160			11631611452-05			00	
						1.000		x		29.03.2010	
FOR H5											
4	0001	HE9711834502		ZSUD	F	SP.DISH OD750/14(MIN) TO MATCH OD-2228					
		1.000	EA	69.400			41631000466V00				
			SA516/70 (VCD)		A3					29.03.2010	
					MA BY QC & LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
3	0015	31631111588-07K		HALB	F30	MANHOLE ASSY.(20" ANSI 300 SORF)						
		1.000	EA	481.700			31631111588-07			00		
						1.000		x		29.03.2010		
H5, REFER VAR 05 OF DRG. 11631611452												
4	0001	AA1049455380		ZROH	F70	PIPE(SMLS) 508 X 12.7 CS SA106 GR B						
LENGTH =410.000												
MM	1.000	0.410	M	48.170								
AA10455		09			A2					09.06.2009		
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF						
		1.000	EA	135.000								
AA7246106		02	ANSI B 16.5							09.06.2009		
MA BY QC & LLOYDS												
4	0003	HY7240365158		ZSUD	F	NAB MSW GASKET 20"" #300 RF GRAPHITE						
		1.000	EA	0.480								
HY7240365		00	GRAPHITE		A1					09.06.2009		
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST						
		24.000	EA	2.441								
HY7142299-04		04	ASTM A193B7/194 2H		A1					09.06.2009		
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300						
		1.000	EA	150.000								
HY7246772		02	A105		A2					09.06.2009		
MA BY QC & LLOYDS												
4	0006	31631111588-07A		HALB	F30	HANDLE						
		2.000	EA	0.800			31631111588-07			00		
						1.000		x		09.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1010299107		ZROH	F70	RND CS 20						
LENGTH =340.000												
MM	2.000	1.672	KG	1.000								
HY10199		03								02.06.2009		
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07			00		
						1.000		x		09.06.2009		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ)IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07			00		
						1.000		x		09.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		09.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		

Lvl	Pos No	Item	Material No	Mat type	SPK	Description							
RM Size													
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev			
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from			
Engineering Remarks						Technology Remarks							
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST							
		4.000	EA	0.089									
HY7161096-00-00-01		01	IS2016 GAL ST							09.06.2009			
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60							
		1.000	EA	0.016									
AA7171041		05	IS 6688 TYPE A							09.06.2009			
3	0016	HY1041870078		ZROH	F70	PLT BQ 10 VCD							
D=50.000													
MM	2.000	0.308	KG	0.154									
HY10470		06			A1					29.03.2010			
PAD FOR MANHOLE HOOK						MA BY QC & LLOYDS							
3	0017	41631112231-00		HALB	F30	HOOK							
		1.000	EA	2.670			41631112231-00			00			
						1.000		x		29.03.2010			
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8							
LENGTH =1,200.000													
MM	1.000	2.952	KG	1.000									
AA10208		07								02.06.2009			
3	0018	41631612700-01		HALB	F30	BOTTOM CHANNEL							
		1.000	EA	24.850			41631612700-01			00			
						1.000		x		29.03.2010			
4	0001	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A							
LENGTH =1,900.000													
MM	1.000	24.890	KG	24.850									
AA10108		10								09.06.2009			

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no		Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
3	0019	41631612700-03		HALB	F30	TOP CHANNEL				
		1.000	EA	19.370			41631612700-03		00	
						1.000		x		29.03.2010
4	0001	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A				
LENGTH =1,482.000										
MM	1.000	19.414	KG	19.370						
AA10108		10								09.06.2009
3	0020	HY1071886096		ZROH	F70	PLT SS 12 TP304L				
SQUARE = 800.000 X 800.000										
MM	1.000	61.440	KG	61.440						
HY10786		00			A1					29.03.2010
IMPINGEMENT PLATE										
3	0021	41631612844-01		HALB	F30	PLATE (FOR FIXING BOTTOM CHANNEL)				
		2.000	EA	6.840			41631612844-01		00	
						1.000		x		29.03.2010
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70				
RECTANGLE :450.000 X 125.000										
MM	2.000	14.130	KG	6.840						
HY10470-SA516/70		06			A1					09.06.2009
3	0022	HY7142198052		ZSUD	F70	STUD 2 NUTS M16X90				
		8.000	EA	0.256						
HY7142198-04		04	ASTM A193B7/194 2H		A1					29.03.2010
FOR IMPINGEMENT PLATE FIXING CHANNEL										
3	0023	11631611452-23		HALB	F30	PRESSURE GAUGE & TRANSMITTER CONN. 1/2"				
		3.000	EA	0.350			11631611452-23		00	
						1.000		x		29.03.2010
C3,C5, FOR NOZZLE CONFIG. REFER VAR 01					OF DRG. 11631011267					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45						
		3.000	EA	0.230								
HE91001V01			HE91001V01		A3					29.03.2010		
MA BY QC & LLOYDS					MA BY QC & LLOYDS							
4	0002	HE9791003017		ZSUD	F	3/8" BAR PLUG CS						
		3.000	EA	0.120								
HE91003V01			SA516/70 (VCD)		A3					29.03.2010		
MA BY QC & LLOYDS												
3	0024	11631611452-07		HALB	F30	HPH DRAIN CONN. 8"						
		2.000	EA	71.390			11631611452-07		00			
						1.000		x		29.03.2010		
H7,H8, FOR NOZZLE CONFIG. REFER VAR 10					OF DRG. 11631011267							
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B						
LENGTH =500.000												
MM	2.000	1.000	M	32.320								
AA10455		09			A3					29.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631611452-07A		HALB	F30	SPH DISH DIA 400/235X 14MM MIN.THK						
		2.000	EA	13.160			11631611452-07		00			
						1.000		x		29.03.2010		
5	0001											
		2.000	ST									
										29.03.2010		
SPH. DISH DIA. 235/400, MATL. COVERED IN					11631611452-01A,05A,MA BY QC & LLOYDS							
4	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=275.000												
MM	2.000	18.650	KG	9.325								
AA10119		13			A3					29.03.2010		
BLANKING PLATE					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0004	41631612812-00		HALB	F30	8" SS PIPE					
		2.000	EA	11.730			41631612812-00			00	
						1.000		x		29.03.2010	
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321					
LENGTH =350.000											
MM	2.000	0.700	M	1.000							
AA10755		07			A1					02.06.2009	
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
D=275.000											
MM	2.000	11.404	KG	5.702							
HY10786		00			A1					29.03.2010	
END PLATE						MA BY QC					
3	0025	11631611452-06		HALB	F30	CBD CONN. 8"					
		1.000	EA	36.730			11631611452-06			00	
						1.000		x		29.03.2010	
H6, FOR NOZZLE CONFIG. REFER VAR 01 OF						DRG. 11631011267					
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =280.000											
MM	1.000	0.280	M	18.099							
AA10455		09			A3					29.03.2010	
						MA BY QC & LLOYDS					
4	0002	11631611452-06A		HALB	F30	RF. PAD DIA. 235/400					
		1.000	EA	9.970			11631611452-06			00	
						1.000		x		29.03.2010	
5	0001										
		1.000	ST								
										29.03.2010	
RF. PAD DIA. 235/400, MATL. COVERED IN						11631611452-22A, MA BY QC & LLOYDS					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
D=275.000											
MM	1.000	9.325	KG	9.325							
AA10119		13			A3					29.03.2010	
BLANKING PLATE					MA BY QC & LLOYDS						
3	0026	11631611452-24		HALB	F30	TEMPERATURE GAUGE CONN. M33X2					
		1.000	EA	0.680			11631611452-24			00	
						1.000		x		29.03.2010	
C4											
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCR W M33X2-F L=45 40					
		1.000	EA	0.400							
AA7326101-01		01			A3					29.03.2010	
MA BY QC & LLOYDS					MA BY QC & LLOYDS						
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2					
		1.000	EA	0.280							
HY9601207-01-03		03			A3					29.03.2010	
MA BY QC & LLOYDS											
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2					
		1.000	EA	0.001							
HY7161094-00-00-01		01	CSN029310		A1					29.03.2010	
3	0027	11631611452-09		HALB	F30	HYDRAZINE & AMMONIA DOSING CONN. 1"					
		2.000	EA	1.260			11631611452-09			00	
						1.000		x		29.03.2010	
H9, FOR NOZZLE CONFIG. REFER VAR 06 OF					DRG. 11631011267						
4	0001	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		2.000	EA	0.960							
HE91001V03			HE91001V03		A3					29.03.2010	
MA BY QC & LLOYDS					MA BY QC & LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0002	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		2.000	EA	0.300							
HE91003V03			SA516/70 (VCD)		A3					29.03.2010	
MA BY QC & LLOYDS											
3	0028	11631611452-10		HALB	F30	SPARE CONN. 2"					
		2.000	EA	3.540			11631611452-10			00	
						1.000		x		29.03.2010	
H10, FOR NOZZLE CONFIG. REFER VAR 17 OF					DRG. 11631011267						
4	0001	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B					
LENGTH =275.000											
MM	2.000	0.550	M	3.055							
AA10455		09			A3					29.03.2010	
					MA BY QC & LLOYDS						
4	0003	AA1011808056		ZROH	F70	PLATE 8 IS2062 GRE250(FE410W)QLTY-A					
D=110.000											
MM	2.000	1.194	KG	0.597							
AA10108		10			A3					29.03.2010	
BLANKING PLATE					MA BY QC & LLOYDS						
3	0029	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)					
		2.000	EA	0.200							
HE91003V02-SA105			SA105							29.03.2010	
ON HYDROTEST BLANKING PLATE FOR H1,H2											
3	0030	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		4.000	EA	0.300							
HE91003V03			SA516/70 (VCD)							29.03.2010	
ON HYDROTEST BLANKING PLATE FOR C1,C2											
3	0100	D11631011267				NOZZLE ATTACHMENT DETAILS					
		1.000	ST								
		00								29.03.2010	
NOZZLE ATTACHMENT DETAILS											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks						
2	0003	11631611406-00		HALB	F30	WATER BOX ASSEMBLY					
		1.000	EA	1,208.832			11631611406-00			01	
						1.000		x		15.02.2011	
GROUP 1 TO 26											
3	0001	11631611288-00		HALB	F30	VALVE PLATE					
		1.000	EA	147.950			11631611288-00			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,026.000 X 1,612.000											
MM	1.000	158.776	KG	147.950							
HY10786		00			A1					09.06.2009	
3	0002	11631611288-02		HALB	F30	VALVE PLATE					
		1.000	EA	229.280			11631611288-02			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,026.000 X 2,490.000											
MM	1.000	245.255	KG	229.280							
HY10786		00			A1					09.06.2009	
3	0003	11631611288-03		HALB	F30	VALVE PLATE					
		1.000	EA	229.120			11631611288-03			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,026.000 X 2,490.000											
MM	1.000	245.255	KG	229.120							
HY10786		00			A1					09.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0004	41631611854-01		HALB	F30	END PLATE					
		1.000	EA	16.700			41631611854-01			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,058.000 X 254.000											
MM	1.000	25.798	KG	16.710							
HY10786		00			A1					09.06.2009	
3	0005	41631611854-02		HALB	F30	END PLATE					
		1.000	EA	16.600			41631611854-02			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,058.000 X 254.000											
MM	1.000	25.798	KG	16.650							
HY10786		00			A1					09.06.2009	
3	0006	41631612600-00		HALB	F30	PAD					
		1.000	EA	16.800			41631612600-00			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :784.000 X 340.000											
MM	1.000	17.060	KG	16.770							
HY10786		00			A1					09.06.2009	
3	0007	41631611857-00		HALB	F30	PLATE					
		2.000	EA	2.100			41631611857-00			00	
						1.000		x		09.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L						
RECTANGLE :768.000 X 65.000												
MM	2.000	6.390		KG	2.140							
HY10786		00			A1					09.06.2009		
3	0008	31631611365-01		HALB	F30	J STIFFENER						
		1.000		EA	32.100			31631611365-01		00		
						1.000		x		09.06.2009		
MA BY QC												
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :1,239.000 X 293.000												
MM	1.000	34.851		KG	32.130							
HY10786		00			A1					09.06.2009		
3	0009	31631611365-02		HALB	F30	J STIFFENER						
		1.000		EA	4.900			31631611365-02		00		
						1.000		x		09.06.2009		
MA BY QC												
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :293.000 X 193.000												
MM	1.000	5.429		KG	4.910							
HY10786		00			A1					09.06.2009		
3	0010	31631611365-03		HALB	F30	J STIFFENER						
		1.000		EA	20.100			31631611365-03		00		
						1.000		x		09.06.2009		
MA BY QC												
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :774.000 X 293.000												
MM	1.000	21.771		KG	20.120							
HY10786		00			A1					09.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0011	31631611365-04		HALB	F30	J STIFFENER					
		1.000	EA	14.800			31631611365-04			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :565.000 X 293.000											
MM	1.000	15.892	KG	14.770							
HY10786		00			A1					09.06.2009	
3	0012	31631611365-05		HALB	F30	J STIFFENER					
		1.000	EA	15.700			31631611365-05			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :613.000 X 293.000											
MM	1.000	17.242	KG	15.670							
HY10786		00			A1					09.06.2009	
3	0013	31631611365-06		HALB	F30	J STIFFENER					
		1.000	EA	22.000			31631611365-06			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :842.000 X 293.000											
MM	1.000	23.684	KG	22.000							
HY10786		00			A1					09.06.2009	
3	0014	31631611365-07		HALB	F30	J STIFFENER					
		1.000	EA	38.000			31631611365-07			00	
						1.000		x		09.06.2009	
MA BY QC											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,468.000 X 293.000											
MM	1.000	41.292	KG	38.030							
HY10786		00			A1					09.06.2009	
3	0015	AA1071155369		ZROH	F70	PIPE(SMLS) 168.3X7.1 S.S SA312 GRTP321					
LENGTH =255.000											
MM	3.000	0.765	M	7.170							
AA10755		07			A1					09.06.2009	
					MA BY QC						
3	0016	41631611863-00		HALB	F30	LINER PLATE LEFT					
		2.000	EA	50.100			41631611863-00			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,490.000 X 515.000											
MM	2.000	102.588	KG	50.130							
HY10786		00			A1					09.06.2009	
3	0017	41631612604-00		HALB	F30	LINER PLATE LEFT					
		1.000	EA	32.800			41631612604-00			00	
						1.000		x		09.06.2009	
MA BY QC											
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :1,628.000 X 515.000											
MM	1.000	33.537	KG	32.750							
HY10786		00			A1					09.06.2009	
3	0018	41631611865-00		HALB	F30	LINER PLATE RIGHT					
		2.000	EA	43.900			41631611865-00			00	
						1.000		x		09.06.2009	
MA BY QC											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :2,490.000 X 451.000												
MM	2.000	89.840		KG	43.860							
HY10786		00			A1					09.06.2009		
3	0019	41631612605-00		HALB	F30	LINER PLATE RIGHT						
		1.000		EA	28.600			41631612605-00		00		
						1.000		x		09.06.2009		
MA BY QC												
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :1,628.000 X 451.000												
MM	1.000	29.369		KG	28.650							
HY10786		00			A1					09.06.2009		
3	0020	41631612601-00		HALB	F30	BACKING STRIP						
		2.000		EA	18.400			41631612601-00		00		
						1.000		x		09.06.2009		
MA BY QC												
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L						
RECTANGLE :6,618.000 X 50.000												
MM	2.000	42.356		KG	18.400							
HY10786		00			A1					09.06.2009		
3	0021	HE9719162040		ZSUD	F	SPRAY VALVE FOR DEAERATOR						
		52.000		EA	1.500			21631000019V00				
HE51272V00										09.06.2009		
TEFLON GASKET, M12 NUTS INCLUDED						MA BY QC & LLOYDS						
3	0022	HE9751386020		ZSUD	F	HEX HEAD BOLT M12X60 SS FULL THREADED						
		104.000		EA	0.068							
			SA193 B8							09.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0023	41631612603-00		HALB	F30	BACKING STRIP					
		2.000		EA	1.500			41631612603-00		00	
						1.000		x		09.06.2009	
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :930.000 X 25.000											
MM	2.000	2.976		KG	1.460						
HY10786		00			A1					09.06.2009	
3	0024	41631612603-00		HALB	F30	BACKING STRIP					
		2.000		EA	1.500			41631612603-00		00	
						1.000		x		09.06.2009	
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :930.000 X 25.000											
MM	2.000	2.976		KG	1.460						
HY10786		00			A1					09.06.2009	
3	0025	HY7242584280		ZSUD	F70	PLUG HEX HD SS 1/2" NPT ENDS					
		1.000		EA	0.250						
HY7242584-01-00		00	ANSI:B16.11(SS)		A1					09.06.2009	
3	0026	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
FULL RING: D= 152.000 / 78.000											
MM	3.000	1.605		KG	0.530						
HY10786		00			A1					09.06.2009	
LINER RING					MA BY QC						
2	0004	11631611274-00		HALB	F30	TRAY ASSEMBLY					
		1.000		EA	4,235.678			11631611274-00		00	
						1.000		x		15.02.2011	
GROUP 1 TO 49											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
3	0001	41631611734-00		HALB	F30	BOTTOM CHANNEL						
		6.000		EA	16.000			41631611734-00			00	
						1.000		x		09.06.2009		
4	0001	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A						
LENGTH =1,800.000												
MM	6.000	99.360		KG	15.990							
AA10108		10				A1				09.06.2009		
3	0002	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A						
LENGTH =6,650.000												
MM	2.000	59.850		KG	29.750							
AA10108		10				A1				09.06.2009		
BOTTOM SIDE ANGLE												
3	0003	AA1012508234		ZROH	F70	ANGLE EQL 100X100X10 IS2062GRE250 QLTY-A						
LENGTH =940.000												
MM	4.000	56.024		KG	14.000							
AA10108		10				A1				09.06.2009		
CORNER POST ANGLE												
3	0004	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =940.000												
MM	12.000	100.392		KG	8.370							
AA10108		10				A1				09.06.2009		
SIDE POST ANGLE												
3	0005	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =6,750.000												
MM	2.000	120.150		KG	59.930							
AA10108		10				A1				09.06.2009		
TOP SIDE ANGLE												
3	0006	41631611566-00		HALB	F30	END ANGLE						
		2.000		EA	12.640			41631611566-00			01	
						1.000		x		09.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =1,420.000												
MM	2.000	25.276	KG	12.640								
AA10108		10			A1					09.06.2009		
3	0007	41631611455-00		HALB	F30	SIDE CLIP						
		16.000	EA	0.380			41631611455-00			00		
						1.000		x		09.06.2009		
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :95.000 X 65.000												
MM	16.000	9.488	KG	1.000								
HY10786		00			A1					02.06.2009		
3	0008	41631611727-00		HALB	F30	HOLD DOWN ANGLE ASSEMBLY						
		6.000	EA	13.150			41631611727-00			00		
						1.000		x		09.06.2009		
4	0001	41631611727-01		HALB	F30	ANGLE (S.S.)						
		6.000	EA	12.100			41631611727-01			00		
						1.000		x		09.06.2009		
5	0001	HEN107250001		ZROH	F70	ANGLE SS 75 X 75 X 8 TP304						
LENGTH =1,372.000												
MM	6.000	100.428	KG	12.090								
HY10761		00								09.06.2009		
4	0002	41631611727-02		HALB	F30	BAR PLATE						
		6.000	EA	1.100			41631611727-02			00		
						1.000		x		09.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :25.000 X 1,372.000											
MM	6.000	8.232	KG	1.060							
HY10786		00			A1					09.06.2009	
3	0009	41631611728-00		HALB	F30	HOLD DOWN END ANGLE ASSEMBLY					
		2.000	EA	12.790			41631611728-00			00	
						1.000		x		09.06.2009	
4	0001	41631611728-01		HALB	F30	ANGLE					
		2.000	EA	12.100			41631611728-01			00	
						1.000		x		09.06.2009	
5	0001	HEN107250001		ZROH	F70	ANGLE SS			75 X 75 X 8 TP304		
LENGTH =1,372.000											
MM	2.000	33.476	KG	12.090							
HY10761		00								09.06.2009	
4	0002	41631611728-02		HALB	F30	BAR PLATE					
		2.000	EA	0.700			41631611728-02			00	
						1.000		x		09.06.2009	
5	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :13.000 X 1,372.000											
MM	2.000	1.426	KG	0.700							
HY10786		00			A1					09.06.2009	
3	0010	41631612602-00		HALB	F30	END SHEET					
		2.000	EA	10.300			41631612602-00			00	
						1.000		x		09.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :446.000 X 1,420.000											
MM	2.000	50.666	KG	10.300							
HY10786		00			A1					09.06.2009	
3	0011	41631611571-00		HALB	F30	END PLATE (MAN HOLE SIDE)					
		2.000	EA	14.960			41631611571-00			01	
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :380.000 X 1,015.000											
MM	2.000	30.856	KG	14.960							
HY10786		00			A1					09.06.2009	
3	0012	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :496.000 X 6,618.000											
MM	2.000	262.602	KG	128.390							
HY10786		00			A1					09.06.2009	
SIDE SHEET					MA BY QC						
3	0013	41631611572-00		HALB	F30	END PLATE					
		1.000	EA	56.270			41631611572-00			01	
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :1,015.000 X 1,410.000											
MM	1.000	57.246	KG	56.280							
HY10786		00			A1					09.06.2009	
3	0014	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :1,015.000 X 6,618.000											
MM	2.000	537.382	KG	263.790							
HY10786		00			A1					09.06.2009	
SIDE PLATE					MA BY QC						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks						
3	0015	AA1012508307		ZROH	F70	ANGLE EQL 150X150X12 IS2062GRE250 QLTY-A					
LENGTH =6,770.000											
MM	2.000	369.642	KG	168.870							
AA10108		10							09.06.2009		
MAKE ANGLE 12X115X150											
3	0016	41631611573-00		HALB	F30	SHIM PLATE					
		4.000	EA	0.360			41631611573-00			01	
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :210.000 X 50.000											
MM	4.000	1.680	KG	1.000							
HY10786		00			A1				02.06.2009		
3	0017	HE9751386039		ZSUD	F	BOLT M12X55 SS					
		4.000	EA	0.010							
			SS						09.06.2009		
3	0018	HE9751386071		ZSUD	F	NUT HEXA M12					
		4.000	EA	0.005							
			SA194 GR.8						09.06.2009		
3	0019	HE9751386101		ZSUD	F	WASHER M12 SS					
		4.000	EA	0.001							
			SS304						09.06.2009		
3	0020	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
SQUARE = 51.000 X 51.000											
MM	30.000	3.120	KG	0.100							
HY10786		00			A1				09.06.2009		
PLATE					MA BY QC						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0021	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :50.000 X 940.000											
MM	2.000	3.760	KG	1.860							
HY10786		00			A1					09.06.2009	
END STIFFENER											
3	0022	41631612599-00		HALB	F30	STIFFENER					
		14.000	EA	0.800			41631612599-00			00	
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :52.000 X 400.000											
MM	14.000	11.648	KG	0.800							
HY10786		00			A1					09.06.2009	
3	0023	HE9751386012		ZSUD	F	HEX HEAD BOLT M20X75 SS FULL THREADED					
		16.000	EA	0.245							
			SA193 B8							09.06.2009	
3	0024	HE9751386055		ZSUD	F	NUT M20 SS					
		16.000	EA	0.005							
			SA194 GR.8							09.06.2009	
3	0025	HE9751386098		ZSUD	F	WASHER M20 SS					
		32.000	EA	0.001							
			SS304							09.06.2009	
3	0026	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :50.000 X 1,880.000											
MM	1.000	3.760	KG	3.720							
HY10786		00			A1					09.06.2009	
END STIFFENER					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0027	41631611463-00		HALB	F30	BOTTOM WASHER					
		30.000	EA	0.016			41631611463-00		00		
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
SQUARE = 25.000 X 25.000											
MM	30.000	0.750	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0028	41631612272-00		HALB	F30	HOLD DOWN ROD DIA.10					
		30.000	EA	0.620			41631612272-00		00		
						1.000		x		09.06.2009	
4	0001	HY1070270067		ZROH	F70	RND SS 10					
LENGTH =1,010.000											
MM	30.000	19.080	KG	1.000							
HY10770		02			A1					02.06.2009	
3	0029	HE9751386128		ZSUD	F	WASHER M10 SS					
		30.000	EA	0.001							
			SS304							09.06.2009	
3	0030	HE9751386080		ZSUD	F	NUT M10 SS					
		90.000	EA	0.005							
			SA194 GR.8							09.06.2009	
3	0031	HE9751387019		ZSUD	F	BAR GRATING WIDTH=755, LENGTH=2500					
		6.000	EA	90.000							
HE51387V01			CS							09.06.2009	
REQUIRED AREA 9.37 SQ.M											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0032	41631611577-00		HALB	F30	SIDE BAR					
		2.000	EA	1.900			41631611577-00		01		
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :940.000 X 51.000											
MM	2.000	3.836	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0033	41631611578-00		HALB	F30	SIDE BAR					
		2.000	EA	1.900			41631611578-00		01		
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :934.000 X 51.000											
MM	2.000	3.810	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0034	41631611579-00		HALB	F30	GRAB BAR					
		2.000	EA	1.390			41631611579-00		01		
						1.000		x		09.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :650.000 X 70.000											
MM	2.000	3.640	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0035	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :660.000 X 945.000											
MM	1.000	24.948	KG	24.400							
HY10786		00			A1					09.06.2009	
DOOR					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0036	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :305.000 X 610.000											
MM	2.000	14.884	KG	7.320							
HY10786		00			A1					09.06.2009	
SWINGING DOOR						MA BY QC					
3	0037	HY1071155660		ZROH	F70	PIPE SS 12.7 X 2.1 A312 TP321					
LENGTH =600.000											
MM	2.000	1.200	M	0.300							
AA10755		07			A1					09.06.2009	
						MA BY QC					
3	0038	HE9751386136		ZSUD	F	SS HINGE L=560, (16 GAUGE X 38 WIDTH)					
		2.000	EA	1.000							
			SS304							09.06.2009	
3	0039	HE9751386047		ZSUD	F	BOLT HEXA M6X35					
		8.000	EA	0.001							
										09.06.2009	
3	0040	HE9751386063		ZSUD	F	NUT HEXA M6					
		8.000	EA	0.001							
			SA194 GR.8							09.06.2009	
3	0041	HE9751386110		ZSUD	F	WASHER M6 SS					
		16.000	EA	0.001							
			SS304							09.06.2009	
3	0042	41631612701-00		HALB	F30	ANGLE					
		2.000	EA	7.100			41631612701-00			00	
						1.000		x		09.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	AA1012508102		ZROH	F70	ANGLE EQL 65X65X8 IS2062 GRE250 QLTY-A					
LENGTH =950.000											
MM	2.000	14.630	KG	7.110							
AA10108		10			A1					09.06.2009	
3	0043	41631611581-00		HALB	F30	PLATE					
		2.000	EA	0.850			41631611581-00			00	
						1.000		x		09.06.2009	
4	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD					
RECTANGLE :95.000 X 153.000											
MM	2.000	1.826	KG	1.000							
HY10470		06			A1					02.06.2009	
3	0044	HY1041870060		ZROH	F70	PLT BQ 8 VCD					
RECTANGLE :800.000 X 950.000											
MM	1.000	47.728	KG	46.920							
HY10470		06			A1					09.06.2009	
MANWAY PLATE											
3	0045	HE9710042076		ZSUD	F	TRAY ASSEMBLY FOR DEAERATOR					
		280.000	EA	6.000			21631000020V00				
			SS430							09.06.2009	
					MA BY QC &LLOYDS,CUSTOMER INSPECTION						
3	0046	41631612022-00		HALB	F30	PAD					
		22.000	EA	4.960			41631612022-00			00	
						1.000		x		09.06.2009	
MA BY QC & LLOYDS											
4	0001	HY1041870078		ZROH	F70	PLT BQ 10 VCD					
RECTANGLE :250.000 X 252.000											
MM	22.000	108.812	KG	4.960							
HY10470		06			A1					09.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
3	0047	HY1071886010		ZROH	F70	PLT SS 5 TP304L				
RECTANGLE :75.000 X 660.000										
MM	1.000	1.980	KG	1.950						
HY10786		00			A1					09.06.2009
COVER PLATE					MA BY QC					
3	0048	HE9715574009		ZSUD	F	SPLIT PIN 2.5 X 15, SS				
		30.000	EA	0.006			41631000378V01			
			SS304							09.06.2009
ON HOLD DOWN ROD										
3	0049	41631612699-00		HALB	F30	END BOTTOM CHANNEL				
		2.000	EA	16.000			41631612699-00		00	
						1.000		x		09.06.2009
4	0001	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A				
LENGTH =1,800.000										
MM	2.000	33.120	KG	16.030						
AA10108		10			A1					09.06.2009
2	0100	D11631611289				TRAY ASSLY DETAILS				
		1.000	ST							
		00								15.02.2011
TRAY ASSLY DETAILS										
1	0051	41631613068-03		HALB	F30	ORIFICE PIPE ASSEMBLY				
		3.000	EA	47.820			41631613068-03		00	
						1.000				15.02.2011
FOR H4										
2	0001	CPCA10350006		ZSUD	F	GLOBE VLV,SS A351CF8,2"CL300SORF				
		3.000	EA	35.000						
										02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611681-00	01	P006	270 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
16,156.000	HEEDEASH	15.02.2011		31631611681-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
2	0002	HY1071055771		ZROH	F70	PIPE SS 60.3 X 8.74 A312 TP321						
LENGTH =195.000												
MM	3.000	0.585	M	2.060								
AA10755		07			A1					02.06.2009		
						MA BY QC						
2	0003	HY7246164065		ZSUD	F70	FLANGE SOW SS 2" CL 300 RAISED FACE						
		6.000	EA	3.000								
HY7246164-02		02	ANSI:B16.5		A1					02.06.2009		
2	0004	HY7240366057		ZSUD	F	NAB M.S.W. GASKET SIZE 2"#600 GRPH						
		9.000	EA	0.050								
HY7240366		00	GRAPHITE		A1					02.06.2009		
2	0005	41631612440-00		HALB	F30	ORIFICE PLATE						
		3.000	EA	0.260			41631612440-00			01		
						1.000		x		02.06.2009		
3	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
D=92.000												
MM	3.000	0.798	KG	0.260								
HY10786		00			A1					02.06.2009		
2	0006	HY7142198060		ZSUD	F70	STUD 2 NUTS M16X100						
		48.000	EA	0.272								
HY7142198		04	ASTM A193B7/A1942H		A1					02.06.2009		
1	0053	AA7246101144		ZSUD	F70	FLANGE SOW CS 10" CL 150 RAISED FACE						
		2.000	EA	17.000								
AA7246101-01-01		01	ANSI B16.5		A1					21.02.2011		
FOR H3												

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T31631611681-00

01

P006

270 MW DEAERATOR HEATER ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631611681-00

Drg

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0054	HY7142198370		ZSUD	F70	STUD 2 NUTS M22X160						
		24.000	EA	0.728								
HY7142198-04		04	ASTM A193B7/194 2H		A1					21.02.2011		
FOR H3												
1	0055	HY7240364062		ZSUD	F	NAB M.S.W. GASKET SIZE 10" #150 GRPH						
		2.000	EA	0.300								
HY7240364		00	GRAPHITE		A1					21.02.2011		
FOR H3												
1	0056	HY7240365085		ZSUD	F	NAB M.S.W. GASKET SIZE 6" #300 GRPH						
		2.000	EA	0.150								
HY7240365		00	GRAPHITE		A1					21.02.2011		
FOR H3												
1	0057	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS						
		3.000	EA	1.600								
AA7501468-00		00	BS:5352		A1					21.02.2011		
FOR C3,C5												
1	0058	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B						
LENGTH =1,000.000												
MM	3.000	3.000	M	1.600								
AA10455		09			A1					21.02.2011		
FOR C3,C5												
1	0062	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS						
		2.000	EA	3.400								
AA7501468-00		00	BS:5352		A1					21.02.2011		
FOR H9												
1	0063	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B						
LENGTH =1,000.000												
MM	2.000	2.000	M	3.240								
AA10455		09			A1					21.02.2011		
FOR H9												

PART LIST-MATERIAL BOM

T31631611681-00 01 P006 270 MW DEAERATOR HEATER ASSLY 1
Net Wt(KG) Created by Created on Changed on Drg no Drg Rev
16,156.000 HEEDEASH 15.02.2011 31631611681-00 00

Lvl	Pos No	Item Material No		Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0064	HY1071055771		ZROH	F70	PIPE SS 60.3 X 8.74 A312 TP321					
LENGTH =1,000.000											
MM	1.000	1.000	M	11.330							
AA10755		07			A1					21.02.2011	
FOR H11											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911702-00	01	P006	270 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
568.000	HEEDEASH	21.02.2011		41631911702-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
1	0001	21631911568-01		HALB	F30	DEAERATOR STANDPIPE ASSLY-I					
		1.000	EA	149.000			21631911568-01			00	
						1.000				21.02.2011	
GROUP 1 TO 8											
2	0001	21631911568-01A		HALB	F30	PIPE FOR STANDPIPE-I					
		1.000	EA	120.350			21631911568-01			00	
						1.000		x		01.01.2011	
3	0001	AA1049355512		ZROH	F70	PIPE(SMLS)168.3X 7.11 CS SA106 GR B					
LENGTH =4,310.000											
MM	1.000	4.310	M	121.801							
AA10455-SA106 GRB 09				A1						01.01.2011	
						MA BY QC					
2	0002	21631911568-01B		HALB	F30	END COVER					
		2.000	EA	4.990			21631911568-01			00	
						1.000		x		01.01.2011	
3	0001	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=170.000											
MM	2.000	11.404	KG	5.702							
HY10470-SA516GR70 06			SA516GR70		A1					01.01.2011	
						MA BY QC					
2	0003	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		6.000	EA	0.120							
HE91003V01			SA516/70 (VCD)		A1					01.01.2011	
FOR LT ALSO											
2	0004	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75					
		2.000	EA	3.500							
HE91001V06			HE91001V06		A1					01.01.2011	
						MA BY QC					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911702-00	01	P006	270 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
568.000	HEEDEASH	21.02.2011		41631911702-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0005	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		2.000	EA	1.200							
HE91003V00			SA105		A1					01.01.2011	
2	0006	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		6.000	EA	0.960							
HE91001V03			HE91001V03		A1					01.01.2011	
FOR LS,LG					MA BY QC						
2	0007	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		6.000	EA	0.300							
HE91003V03			SA516/70 (VCD)		A1					01.01.2011	
FOR LS,LG											
2	0008	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45					
		4.000	EA	0.230							
HE91001V01			HE91001V01		A1					01.01.2011	
FOR LT					MA BY QC						
2	0100	D21631000014				WELDING DETAILS AND WPS NOS.					
		1.000	ST								
		02								01.01.2011	
WELDING DETAILS AND WPS NOS.											
1	0002	21631911568-02		HALB	F30	DEAERATOR STANDPIPE ASSLY-II					
		1.000	EA	146.000			21631911568-02		00		
						1.000				21.02.2011	
GROUP 1 TO 8											
2	0001	21631911568-02A		HALB	F30	PIPE FOR STANDPIPE-II					
		1.000	EA	120.600			21631911568-02		00		
						1.000		x		01.01.2011	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911702-00	01	P006	270 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
568.000	HEEDEASH	21.02.2011		41631911702-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0001	AA1049355512		ZROH	F70	PIPE(SMLS)168.3X 7.11 CS SA106 GR B					
LENGTH =4,310.000											
MM	1.000	4.310	M	121.801							
AA10455-SA106 GRB		09			A1					01.01.2011	
					MA BY QC						
2	0002	21631911568-01B		HALB	F30	END COVER					
		2.000	EA	4.990			21631911568-01			00	
						1.000		x		01.01.2011	
3	0001	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=170.000											
MM	2.000	11.404	KG	5.702							
HY10470-SA516GR70		06	SA516GR70		A1					01.01.2011	
					MA BY QC						
2	0003	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		4.000	EA	0.120							
HE91003V01			SA516/70 (VCD)		A1					01.01.2011	
FOR LT ALSO											
2	0004	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75					
		2.000	EA	3.500							
HE91001V06			HE91001V06		A1					01.01.2011	
					MA BY QC						
2	0005	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		2.000	EA	1.200							
HE91003V00			SA105		A1					01.01.2011	
2	0006	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		4.000	EA	0.960							
HE91001V03			HE91001V03		A1					01.01.2011	
FOR LS					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911702-00	01	P006	270 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
568.000	HEEDEASH	21.02.2011		41631911702-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0007	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		4.000	EA	0.300							
HE91003V03			SA516/70 (VCD)		A1					01.01.2011	
FOR LS											
2	0008	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45					
		2.000	EA	0.230							
HE91001V01			HE91001V01		A1					01.01.2011	
FOR LT					MA BY QC						
2	0100	D21631000014				WELDING DETAILS AND WPS NOS.					
		1.000	ST								
		02								01.01.2011	
WELDING DETAILS AND WPS NOS.											
1	0031	AA7501468893		ZSUD	F70	GLOBE VALVE CS 1/2" CL800 SCREWD NPT END					
		2.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					21.02.2011	
					MA BY QC						
1	0032	AA7501468630		ZSUD	F70	GLOBE VALVE CS 2" CL 800 SW ENDS					
		2.000	EA	11.100							
AA7501468-00		00	BS:5352		A1					21.02.2011	
					MA BY QC						
1	0033	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		6.000	EA	3.400							
AA7501468-00		00	BS:5352		A1					21.02.2011	
FOR LS,LG					MA BY QC						
1	0034	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS					
		4.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					21.02.2011	
FOR LT					MA BY QC						

H.Material

BOM ST

Plant

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Base Qty(EA)

T41631911702-00

01

P006

270 MW DEAERATOR STANDPIPE ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

568.000

HEEDEASH

21.02.2011

41631911702-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
1	0035	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B				
LENGTH =5,500.000										
MM	1.000	5.500	M	17.820						
AA10455		09			A1				21.02.2011	
FOR LS,LG, CUT AT SITE, ADJUST										
1	0036	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B				
LENGTH =6,000.000										
MM	1.000	6.000	M	9.600						
AA10455		09			A1				21.02.2011	
FOR LT ALSO, CUT AT SITE, ADJUST					MA BY QC					
1	0037	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B				
LENGTH =4,500.000										
MM	1.000	4.500	M	49.995						
AA10455		09			A1				21.02.2011	
CUT AT SITE, ADJUST					MA BY QC					
1	0038	AA7242502136		ZSUD	F70	ELBOW LR 90DEG CS 2" SCH 160 BW ENDS				
		2.000	EA	1.350						
HY7242695-00		00	ANSI B 16.9		A1				21.02.2011	
					MA BY QC					
1	0039	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)				
RECTANGLE :75.000 X 1,780.000										
MM	1.000	20.960	KG	20.960						
HY10470-SA516GR70		06	SA516GR70		A1				21.02.2011	
RIB, MATL. FOR 3 RIBS					MA BY QC					
1	0051	AA7501468893		ZSUD	F70	GLOBE VALVE CS 1/2" CL800 SCREWD NPT END				
		2.000	EA	1.600						
AA7501468-00		00	BS:5352		A1				21.02.2011	
					MA BY QC					
1	0052	AA7501468630		ZSUD	F70	GLOBE VALVE CS 2" CL 800 SW ENDS				
		2.000	EA	11.100						
AA7501468-00		00	BS:5352		A1				21.02.2011	
					MA BY QC					

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911702-00	01	P006	270 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
568.000	HEEDEASH	21.02.2011		41631911702-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0053	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		4.000	EA	3.400							
AA7501468-00		00	BS:5352		A1					21.02.2011	
FOR LS					MA BY QC						
1	0054	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS					
		2.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					21.02.2011	
FOR LT					MA BY QC						
1	0055	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
LENGTH =3,000.000											
MM	1.000	3.000	M	9.720							
AA10455		09			A1					21.02.2011	
FOR LS, CUT AT SITE, ADJUST					MA BY QC						
1	0056	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B					
LENGTH =4,000.000											
MM	1.000	4.000	M	6.400							
AA10455		09			A1					21.02.2011	
FOR LT ALSO, CUT AT SITE, ADJUST					MA BY QC						
1	0057	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B					
LENGTH =4,500.000											
MM	1.000	4.500	M	49.995							
AA10455		09			A1					21.02.2011	
CUT AT SITE, ADJUST					MA BY QC						
1	0058	AA7242502136		ZSUD	F70	ELBOW LR 90DEG CS 2" SCH 160 BW ENDS					
		2.000	EA	1.350							
HY7242695-00		00	ANSI B 16.9		A1					21.02.2011	
CUT INTO HALF					MA BY QC						
1	0059	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :75.000 X 1,780.000											
MM	1.000	20.960	KG	20.960							
HY10470-SA516GR70		06	SA516GR70		A1					21.02.2011	
RIB, MATL. FOR 3 RIBS					MA BY QC						

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
568.000	HEEDEASH	21.02.2011		41631911702-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
1	0100	D41631911702				DEAERATOR STANDPIPE					
		1.000	ST								
		00								21.02.2011	
DEAERATOR STANDPIPE											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511515-00	01	P006	600 MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,329.000	HEEDEASH	22.02.2011		21633511515-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0001	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A					
LENGTH =6,000.000											
MM	14.000	2,133.600	KG	152.400							
AA10108		10			A1					22.02.2011	
BEAM FOR COLUMN											
1	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
SQUARE = 600.000 X 600.000											
MM	14.000	791.280	KG	56.520							
AA10119		13			A1					22.02.2011	
BASE PLATE (FOR COLUMN)											
1	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :200.000 X 300.000											
MM	14.000	131.880	KG	9.420							
AA10119		13			A1					22.02.2011	
TOP PLATE (FOR PLATFORM)											
1	0004	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =2,500.000											
MM	2.000	65.500	KG	32.750							
AA10108		10								22.02.2011	
MID LANDING COLUMN											
1	0005	41633511672-01		HALB	E	BASE PLATE FOR LANDING					
		2.000	EA	6.170			41633511672-01			00	
						1.000				22.02.2011	
2	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
SQUARE = 200.000 X 200.000											
MM	2.000	12.560	KG	6.280							
AA10119		13			A1					26.07.2010	
					MA BY QC						
1	0006	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :125.000 X 185.000											
MM	2.000	7.262	KG	3.631							
AA10119		13			A1					22.02.2011	
TOP PLATE (FOR LANDING)											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511515-00	01	P006	600 MW DEAEERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,329.000	HEEDEASH	22.02.2011		21633511515-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0007	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A					
LENGTH =36,500.000											
MM	2.000	1,854.200	KG	927.100							
AA10108		10			A1					22.02.2011	
BEAM LENGTHWISE FOR PLATFORM											
1	0008	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A					
LENGTH =4,575.000											
MM	1.000	116.205	KG	116.205							
AA10108		10			A1					22.02.2011	
BEAM WIDTHWISE FOR PLATFORM											
1	0009	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =4,550.000											
MM	12.000	917.280	KG	76.440							
AA10108		10			A1					22.02.2011	
STIFFENER WIDTHWISE FOR PLATFORM											
1	0010	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =48,500.000											
MM	1.000	635.350	KG	635.350							
AA10108		10			A1					22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT					25 PCS. OF L=1875						
1	0011	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A					
LENGTH =9,800.000											
MM	1.000	90.160	KG	90.160							
AA10108		10			A1					22.02.2011	
STIFFENER WIDTHWISE FOR PLATFORM, CUT 14					PCS. OF L=650						
1	0012	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =26,500.000											
MM	1.000	347.150	KG	347.150							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, MAKE					2 PCS. OF L=12840						
1	0013	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =42,500.000											
MM	1.000	378.250	KG	378.250							
AA10108		10			A1					22.02.2011	
ANGLE FOR BRACING, CUT 32 PCS. OF L=1275											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511515-00	01	P006	600 MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,329.000	HEEDEASH	22.02.2011		21633511515-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0014	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =157,000.000											
MM	1.000	706.500	KG	706.500							
AA10108		10			A1					22.02.2011	
ANGLE FOR RAILING, CUT 136 PCS. OF L=110											
1	0015	AA1011052318		ZROH	F70	TUBE CS 42.9 X 3.25 ERW/SAW NB32					
LENGTH =136,000.000											
MM	1.000	136.000	M	432.480							
AA10152		06								22.02.2011	
MS TUBE FOR MID RAILING NB 32(M)											
1	0016	AA1011052326		ZROH	F70	TUBE CS 48.8 X 3.25 ERW/SAW NB40					
LENGTH =136,000.000											
MM	1.000	136.000	M	496.400							
AA10152		06								22.02.2011	
MS TUBE FOR TOP RAILING NB 40(M)											
1	0017	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =3,900.000											
MM	2.000	173.940	KG	86.970							
AA10108		10			A1					22.02.2011	
CHANNEL FOR BOTTOM STAIRCASE											
1	0018	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =4,850.000											
MM	2.000	216.310	KG	108.155							
AA10108		10			A1					22.02.2011	
CHANNEL FOR TOP STAIRCASE											
1	0019	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =900.000											
MM	2.000	40.140	KG	20.070							
AA10108		10			A1					22.02.2011	
CHANNEL FOR MIDLANDING											
1	0020	41633511672-02		HALB	E	BASE PLATE FOR STAIRCASE					
		1.000	EA	66.740			41633511672-02			00	
						1.000				22.02.2011	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511515-00	01	P006	600 MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,329.000	HEEDEASH	22.02.2011		21633511515-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
2	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :250.000 X 1,700.000												
MM	1.000	66.725	KG	66.725								
AA10119		13			A1					26.07.2010		
					MA BY QC							
1	0021	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502						
RECTANGLE :1,250.000 X 5,000.000												
MM	2.000	861.250	KG	430.625								
AA10183		05			A1					22.02.2011		
CHEQUERED PLATE FOR STEPS, CUT 31 PCS.					OF DIM. 1180X275							
1	0022	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A						
LENGTH =16,500.000												
MM	1.000	74.250	KG	74.250								
AA10108		10			A1					22.02.2011		
ANGLE FOR STEP SUPPORT, CUT 62 PCS. OF					L=250							
1	0023	HY7142198265		ZSUD	F70	STUD 2 NUTS M20X200						
		6.000	EA	0.686								
HY7142198-04		04	ASTM:A193B7/1942H		A1					22.02.2011		
1	0024	HY7161096146		ZSUD	F70	WASHER MCD GAL 21						
		12.000	EA	0.016								
HY7161096-00-00-01		01	IS2016 GAL ST							22.02.2011		
1	0025	HE9751387019		ZSUD	F	BAR GRATING WIDTH=755, LENGTH=2500						
		65.000	EA	90.000								
HE51387V01			CS							22.02.2011		
BAR GRATING (FOR MAIN PLATFORM FLOOR)												
1	0026	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502						
RECTANGLE :850.000 X 1,250.000												
MM	1.000	73.206	KG	73.206								
AA10183		05			A1					22.02.2011		
CHEQUERED PLATE FOR LANDING												

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511515-00	01	P006	600 MW DEARATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,329.000	HEEDEASH	22.02.2011		21633511515-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0027	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A					
LENGTH =4,550.000											
MM	2.000	136.500	KG	68.250							
AA10108		10			A1					22.02.2011	
STIFFENER WIDTHWISE FOR PLATFORM											
1	0028	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =11,500.000											
MM	1.000	150.650	KG	150.650							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT					10 PCS. OF L=1080						
1	0029	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =31,000.000											
MM	1.000	406.100	KG	406.100							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT					20 PCS. OF L=1493						
1	0030	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =9,500.000											
MM	1.000	124.450	KG	124.450							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT 5					PCS. OF L=1800						
1	0031	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =8,000.000											
MM	1.000	104.800	KG	104.800							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT 5					PCS. OF L=1500						
1	0032	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =1,250.000											
MM	2.000	55.750	KG	27.875							
AA10108		10			A1					22.02.2011	
CHANNEL WIDTHWISE (ON MID LANDING)											
1	0033	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =12,200.000											
MM	1.000	159.820	KG	159.820							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT 5					PCS. OF L=2325						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511515-00	01	P006	600 MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
18,329.000	HEEDEASH	22.02.2011		21633511515-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0034	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A				
LENGTH =4,575.000										
MM	1.000	116.205	KG	116.205						
AA10108		10			A1					22.02.2011
BEAM WIDTHWISE FOR PLATFORM										
1	0035	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A				
LENGTH =750.000										
MM	2.000	19.650	KG	9.825						
AA10108		10								22.02.2011
COLUMN FOR SUPPORT FOR LOCAL PLATFORM										
1	0036	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A				
LENGTH =1,275.000										
MM	4.000	46.920	KG	11.730						
AA10108		10			A1					22.02.2011
CHANNEL LENGTHWISE FOR LOCAL PLATFORM										
1	0037	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A				
LENGTH =2,050.000										
MM	2.000	37.720	KG	18.860						
AA10108		10			A1					22.02.2011
CHANNEL WIDTHWISE FOR LOCAL PLATFORM										
1	0038	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502				
RECTANGLE :1,250.000 X 5,000.000										
MM	1.000	430.625	KG	430.625						
AA10183		05			A1					22.02.2011
CHEQ. PL.(LOCAL PLAT.), DIM. 1220X2000-1					,1220X700-1(CUT HALF),600X2000-1					
1	0039	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A				
LENGTH =1,450.000										
MM	2.000	25.810	KG	12.905						
AA10108		10			A1					22.02.2011
ANGLE FOR BRACING (LOCAL PLATFORM)										
1	0040	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A				
LENGTH =930.000										
MM	2.000	16.554	KG	8.277						
AA10108		10			A1					22.02.2011
ANGLE FOR BRACING (LOCAL PLATFORM)										

H.Material

BOM ST

Plant

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100	100

Base Qty(EA)

T21633511515-00

01

P006

600 MW DEAERATOR PLATFORM ASSLY.

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

21633511515-00

Dr g

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0041	AA1011052326		ZROH	F70	TUBE CS	48.8 X 3.25	ERW/SAW NB40			
LENGTH =1,830.000											
MM	2.000	3.660	M	6.680							
AA10152		06								22.02.2011	
APPROACH LADDED TO LOCAL PLATFORM NB					40(M)						
1	0042	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8					
LENGTH =3,300.000											
MM	1.000	8.118	KG	8.118							
AA10208		07								22.02.2011	
ROD FOR STEPS (FOR LOCAL LANDING), CUT 4					PCS. OF L=700						
1	0100	D21633511515				DEAERATOR PLATFORM ASSLY. (PROD)					
		1.000	ST								
		00								22.02.2011	
1	0101	D41633511672				BASE PLATE FOR DEAERATOR PLATFORM					
		1.000	ST								
		00								22.02.2011	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0001	21631911570-01		HALB	F30	DEAERATOR STANDPIPE ASSLY-I					
		1.000	EA	138.000			21631911570-01			00	
						1.000				22.02.2011	
GROUP 1 TO 7											
2	0001	21631911570-01A		HALB	F30	PIPE FOR STANDPIPE-I					
		1.000	EA	103.000			21631911570-01			00	
						1.000		x		03.01.2011	
3	0001	AA1049355512		ZROH	F70	PIPE(SMLS)168.3X 7.11 CS SA106 GR B					
LENGTH =3,710.000											
MM	1.000	3.710	M	104.845							
AA10455-SA106 GRB		09			A1					03.01.2011	
					MA BY QC						
2	0002	21631911570-01B		HALB	F30	END COVER					
		2.000	EA	4.990			21631911570-01			00	
						1.000		x		03.01.2011	
3	0001	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=170.000											
MM	2.000	11.404	KG	5.702							
HY10470-SA516GR70		06	SA516GR70		A1					03.01.2011	
					MA BY QC						
2	0003	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		2.000	EA	0.120							
HE91003V01			SA516/70 (VCD)		A1					03.01.2011	
2	0004	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75					
		2.000	EA	3.500							
HE91001V06			HE91001V06		A1					03.01.2011	
					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0005	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		2.000	EA	1.200							
HE91003V00			SA105		A1					03.01.2011	
2	0006	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		12.000	EA	0.960							
HE91001V03			HE91001V03		A1					03.01.2011	
FOR LS,LG,LT					MA BY QC						
2	0007	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		12.000	EA	0.300							
HE91003V03			SA516/70 (VCD)		A1					03.01.2011	
FOR LS,LG,LT											
2	0100	D21631000014				WELDING DETAILS AND WPS NOS.					
		1.000	ST								
		02								03.01.2011	
WELDING DETAILS AND WPS NOS.											
1	0002	21631911570-02		HALB	F30	DEAERATOR STANDPIPE ASSLY-II					
		1.000	EA	133.000			21631911570-02		00		
						1.000				22.02.2011	
GROUP 1 TO 7											
2	0001	21631911570-02A		HALB	F30	PIPE FOR STANDPIPE-II					
		1.000	EA	103.360			21631911570-02		00		
						1.000		x		03.01.2011	
3	0001	AA1049355512		ZROH	F70	PIPE(SMLS)168.3X 7.11 CS SA106 GR B					
LENGTH =3,710.000											
MM	1.000	3.710	M	104.845							
AA10455-SA106 GRB		09			A1					03.01.2011	
					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
2	0002	21631911570-01B		HALB	F30	END COVER					
		2.000		EA	4.990			21631911570-01		00	
						1.000		x		03.01.2011	
3	0001	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=170.000											
MM	2.000	11.404		KG	5.702						
HY10470-SA516GR70		06	SA516GR70		A1					03.01.2011	
						MA BY QC					
2	0003	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		2.000		EA	0.120						
HE91003V01			SA516/70 (VCD)		A1					03.01.2011	
2	0004	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75					
		2.000		EA	3.500						
HE91001V06			HE91001V06		A1					03.01.2011	
						MA BY QC					
2	0005	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		2.000		EA	1.200						
HE91003V00			SA105		A1					03.01.2011	
2	0006	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		8.000		EA	0.960						
HE91001V03			HE91001V03		A1					03.01.2011	
FOR LS, LG, LT						MA BY QC					
2	0007	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		8.000		EA	0.300						
HE91003V03			SA516/70 (VCD)		A1					03.01.2011	
FOR LS, LG, LT											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0100	D21631000014				WELDING DETAILS AND WPS NOS.					
		1.000	ST								
		02								03.01.2011	
WELDING DETAILS AND WPS NOS.											
1	0031	AA7501468893		ZSUD	F70	GLOBE VALVE CS 1/2" CL800 SCREWD NPT END					
		2.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					22.02.2011	
					MA BY QC						
1	0032	AA7501468630		ZSUD	F70	GLOBE VALVE CS 2" CL 800 SW ENDS					
		2.000	EA	11.100							
AA7501468-00		00	BS:5352		A1					22.02.2011	
					MA BY QC						
1	0033	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		12.000	EA	3.400							
AA7501468-00		00	BS:5352		A1					22.02.2011	
FOR LS,LG,LT					MA BY QC						
1	0034	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
LENGTH =11,000.000											
MM	1.000	11.000	M	35.640							
AA10455		09			A1					22.02.2011	
FOR LS,LG,LT, CUT AT SITE, ADJUST											
1	0035	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B					
LENGTH =2,000.000											
MM	1.000	2.000	M	3.200							
AA10455		09			A1					22.02.2011	
CUT AT SITE, ADJUST					MA BY QC						
1	0036	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B					
LENGTH =2,000.000											
MM	1.000	2.000	M	22.220							
AA10455		09			A1					22.02.2011	
CUT AT SITE, ADJUST					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0037	AA7242502136		ZSUD	F70	ELBOW LR 90DEG CS 2" SCH 160 BW ENDS					
		2.000	EA	1.350							
HY7242695-00		00	ANSI B 16.9		A1					22.02.2011	
					MA BY QC						
1	0038	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :75.000 X 1,650.000											
MM	1.000	19.429	KG	19.429							
HY10470-SA516GR70		06	SA516GR70		A1					22.02.2011	
RIB, MATL. FOR 2 RIBS					MA BY QC						
1	0051	AA7501468893		ZSUD	F70	GLOBE VALVE CS 1/2" CL800 SCREWD NPT END					
		2.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					22.02.2011	
					MA BY QC						
1	0052	AA7501468630		ZSUD	F70	GLOBE VALVE CS 2" CL 800 SW ENDS					
		2.000	EA	11.100							
AA7501468-00		00	BS:5352		A1					22.02.2011	
					MA BY QC						
1	0053	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		8.000	EA	3.400							
AA7501468-00		00	BS:5352		A1					22.02.2011	
FOR LS,LG,LT					MA BY QC						
1	0054	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
LENGTH =7,500.000											
MM	1.000	7.500	M	24.300							
AA10455		09			A1					22.02.2011	
FOR LS,LG,LT, CUT AT SITE, ADJUST					MA BY QC						
1	0055	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B					
LENGTH =2,000.000											
MM	1.000	2.000	M	3.200							
AA10455		09			A1					22.02.2011	
CUT AT SITE, ADJUST					MA BY QC						

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T41631911703-00

01

P006

500/600 MW DEAERATOR STANDPIPE ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drq no

41631911703-00

Drq

537.000

HEEDEASH

22.02.2011

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description							
RM Size													
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev			
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr ind	Valid from			
Engineering Remarks						Technology Remarks							
1	0056	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B							
LENGTH =2,000.000													
MM	1.000	2.000	M	22.220									
AA10455		09			A1					22.02.2011			
CUT AT SITE, ADJUST						MA BY QC							
1	0057	AA7242502136		ZSUD	F70	ELBOW LR 90DEG CS 2" SCH 160 BW ENDS							
		2.000	EA	1.350									
HY7242695-00		00	ANSI B 16.9		A1					22.02.2011			
						MA BY QC							
1	0058	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)							
RECTANGLE :75.000 X 1,650.000													
MM	1.000	19.429	KG	19.429									
HY10470-SA516GR70		06	SA516GR70		A1					22.02.2011			
RIB, MATL. FOR 2 RIBS						MA BY QC							
1	0100	D41631911703				DEAERATOR STANDPIPE							
		1.000	ST										
		00								22.02.2011			
DEAERATOR STANDPIPE													

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
1	0001	31631611682-00		HALB	F30	DEAERATOR HEATER ASSLY					
		1.000	EA	29,478.000			31631611682-00			00	
						1.000				15.02.2011	
POS. NO. 1 TO 4											
2	0001	31631611659-00		HALB	F30	DEAERATOR HEATER SHELL ASSLY.					
		1.000	EA	14,707.000			31631611659-00			00	
						1.000		x		15.02.2011	
POS. NO. 1 TO 5											
3	0001	41631612684-01		HALB	F30	SHELL SEGMENT					
		3.000	EA	2,969.300			41631612684-01			01	
						1.000		x		10.05.2010	
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :2,500.000 X 9,490.000											
MM	3.000	8,939.580	KG	2,969.290							
HY10470-SA516/70		06			A1					02.06.2009	
3	0002	41631612684-02		HALB	F30	SHELL SEGMENT					
		1.000	EA	1,168.600			41631612684-02			01	
						1.000		x		10.05.2010	
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :990.000 X 9,490.000											
MM	1.000	1,180.025	KG	1,168.640							
HY10470-SA516/70		06			A1					02.06.2009	
3	0003	41631612552-00		HALB	F30	2:1 ELLIPS. DE, ID 3000X16, SF=50					
		2.000	EA	1,620.000			41631612552-00			00	
						1.000		x		10.05.2010	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9711814897		ZSUD	F	2:1 ELLIP.DISHED END ID3000/16(MIN)SF-50						
		2.000	EA	1,620.000			41631000410V00					
HE51370V00			SA516/70 (VCD)							02.06.2009		
3	0004	41631612685-00		HALB	F30	STIFFENER RING ID 3366/ OD 3036X 25 THK.						
		1.000	EA	326.300			41631612685-00			01		
						1.000		x		10.05.2010		
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :1,360.000 X 2,420.000												
MM	1.000	645.898	KG	645.898								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
3	0005	31631611238-00		HALB	F30	HEATER SUPPORT ASSLY						
		2.000	EA	532.300			31631611238-00			00		
						1.000		x		10.05.2010		
4	0001	31631611238-01		HALB	F30	PAD						
		2.000	EA	114.700			31631611238-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :280.000 X 3,260.000												
MM	2.000	229.296	KG	114.670								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	31631611238-02		HALB	F30	VERTICAL RIB						
		2.000	EA	208.900			31631611238-02			00		
						1.000		x		02.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,065.000 X 2,670.000											
MM	2.000	892.874	KG	208.900							
AA10119		13			A1					02.06.2009	
4	0003	31631611238-03		HALB	F30	BASE PLATE					
		2.000	EA	126.800			31631611238-03			00	
						1.000		x		02.06.2009	
MA BY QC											
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :250.000 X 2,600.000											
MM	2.000	255.126	KG	126.790							
AA10119		13			A1					02.06.2009	
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :115.000 X 345.000											
MM	8.000	49.832	KG	6.200							
AA10119		13			A1					02.06.2009	
RIB					MA BY QC						
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :115.000 X 805.000											
MM	8.000	116.272	KG	14.534							
AA10119		13			A1					10.09.2009	
RIB					MA BY QC						
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.					
		1.000	ST								
		02								10.05.2010	
WELDING DETAILS AND WPS NOS.											
2	0002	11631611459-00		HALB	F30	DEAERATOR HEATER NOZZLE ASSLY					
		1.000	EA	5,049.000			11631611459-00			00	
						1.000		x		15.02.2011	
POS. NO. 1 TO 28											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0001	11631611459-11		HALB	F30	EQUALIZER ASSLY. 36"					
		2.000	EA	674.040			11631611459-11			00	
						1.000		x		10.05.2010	
N30, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						
4	0001	41631613190-01		HALB	F30	PIPE					
		2.000	EA	185.000			41631613190-01			00	
						1.000		x		10.05.2010	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :550.000 X 2,835.000											
MM	2.000	391.684	KG	195.842							
HY10470-SA516/70		06			A3					10.05.2010	
						MA BY QC & LLOYDS					
4	0002	11631611459-11A		HALB	F30	RF. PAD DIA. 930/1400					
		2.000	EA	119.070			11631611459-11			00	
						1.000		x		10.05.2010	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
SQUARE = 1,410.000 X 1,410.000											
MM	2.000	499.410	KG	249.705							
HY10470-SA516/70		06			A3					10.05.2010	
						MA BY QC & LLOYDS					
4	0003	HY1041898215		ZROH	F70	PLT BQ 63 (SA516 Gr70)					
D=975.000											
MM	2.000	738.480	KG	369.240							
HY10498-SA516GR70		01	SA516GR70		A3					10.05.2010	
BLANKING PLATE, DRILL 3/4 " NPT HOLE						MA BY QC &LLOYDS					
3	0002	11631611459-10		HALB	F30	DOWN COMMER ASSLY. 36"					
		2.000	EA	603.030			11631611459-10			00	
						1.000		x		10.05.2010	
N29, FOR NOZZLE CONFIG. REFER VAR 02 OF					DRG. 11631011267						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0001	41631613190-02		HALB	F30	PIPE					
		2.000		EA	114.000			41631613190-02		00	
						1.000		x		10.05.2010	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :350.000 X 2,835.000											
MM	2.000	249.254		KG	124.627						
HY10470-SA516/70		06			A3					10.05.2010	
						MA BY QC & LLOYDS					
4	0002	11631611459-10A		HALB	F30	RF. PAD DIA. 930/1400					
		2.000		EA	119.070			11631611459-10		00	
						1.000		x		10.05.2010	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
SQUARE = 1,410.000 X 1,410.000											
MM	2.000	499.410		KG	249.705						
HY10470-SA516/70		06			A3					10.05.2010	
						MA BY QC & LLOYDS					
4	0003	HY1041898215		ZROH	F70	PLT BQ 63 (SA516 Gr70)					
D=975.000											
MM	2.000	738.480		KG	369.240						
HY10498-SA516GR70		01	SA516GR70		A3					10.05.2010	
BLANKING PLATE, DRILL 3/4" NPT HOLE						MA BY QC &LLOYDS					
3	0003	11631611459-03A		HALB	F30	SPH DISH. DIA. 800/524 MIN. THK. 20MM					
		1.000		EA	66.950			11631611459-03		00	
						1.000		x		10.05.2010	
FOR N8											
4	0001	HE9711814293		ZSUD	F	SP.DISH OD800/20(MIN) TO MATCH OD-3032					
		1.000		EA	94.000			41631000411V00			
			SA516/70 (VCD)		A3					10.05.2010	
						MA BY QC &LLOYDS					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0004	31631111588-07IA		HALB	F30	MANHOLE ASSLY. (20" ANSI 300 SORF)					
		1.000	EA	493.300			31631111588-07			00	
						1.000		x		10.05.2010	
N8, REFER VAR 03 OF DRG. 11631611459											
4	0001	41631613190-03		HALB	F30	PIPE					
		1.000	EA	58.900			41631613190-03			00	
					A3	1.000		x		10.05.2010	
MA BY QC & LLOYDS											
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :410.000 X 1,560.000											
MM	1.000	80.334	KG	80.334							
HY10470-SA516/70		06			A3					10.05.2010	
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF					
		1.000	EA	135.000							
AA7246106		02	ANSI B 16.5		A3					10.05.2010	
MA BY QC & LLOYDS											
4	0003	HY7240365158		ZSUD	F	NAB MSW GASKET 20"" #300 RF GRAPHITE					
		1.000	EA	0.480							
HY7240365		00	GRAPHITE		A1					10.05.2010	
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST					
		24.000	EA	2.441							
HY7142299-04		04	ASTM A193B7/194 2H		A1					10.05.2010	
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300					
		1.000	EA	150.000							
HY7246772		02	A105		A3					10.05.2010	
MA BY QC & LLOYDS											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0006	31631111588-07A		HALB	F30	HANDLE					
		2.000	EA	0.800			31631111588-07			00	
						1.000		x		10.05.2010	
5	0001	HY1010299107		ZROH	F70	RND CS 20					
LENGTH =340.000											
MM	2.000	1.672	KG	1.000							
HY10199		03								02.06.2009	
4	0007	31631111588-07B		HALB	F30	ROD					
		1.000	EA	3.900			31631111588-07			00	
						1.000		x		10.05.2010	
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ)IS1570GR40C8					
LENGTH =490.000											
MM	1.000	3.915	KG	1.000							
AA10208		07								02.06.2009	
4	0008	31631111588-07C		HALB	F30	INNER HINGE					
		2.000	EA	2.900			31631111588-07			00	
						1.000		x		10.05.2010	
MA BY QC											
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :110.000 X 160.000											
MM	2.000	8.842	KG	1.000							
AA10119		13			A1					02.06.2009	
4	0009	31631111588-07D		HALB	F30	OUTER HINGE					
		2.000	EA	3.500			31631111588-07			00	
						1.000		x		10.05.2010	
MA BY QC											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :110.000 X 180.000											
MM	2.000	9.948	KG	1.000							
AA10119		13			A1					02.06.2009	
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST					
		4.000	EA	0.089							
HY7161096-00-00-01		01	IS2016 GAL ST							10.05.2010	
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60					
		1.000	EA	0.016							
AA7171041		05	IS 6688 TYPE A							10.05.2010	
3	0005	11631611459-04		HALB	F30	SRV NOZZLE ASSLY. 8"					
		2.000	EA	102.950			11631611459-04			00	
						1.000		x		10.05.2010	
N9A,B, FOR NOZZLE CONFIG. REFER VAR 08					OF DRG. 11631011267						
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =350.000											
MM	2.000	0.700	M	22.624							
AA10455		09			A3					10.05.2010	
					MA BY QC &LLOYDS						
4	0002	11631611459-04A		HALB	F30	RF. PAD DIA. 400/235					
		2.000	EA	11.390			11631611459-04			00	
						1.000		x		10.05.2010	
5	0001										
		2.000	ST								
										10.05.2010	
RF. PAD DIA. 235/400, MATL. COVERED IN					11631611459-02A,MA BY QC & LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks						
4	0003	AA7246106138		ZSUD	F70	FLANGE SOW CS 8" CL 300 RAISED FACE					
		2.000	EA	25.500							
AA7246106-02		02	ANSI B 16.5		A3					10.05.2010	
					MA BY QC &LLOYDS						
4	0004	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH					
		2.000	EA	0.200							
HY7240365		00	GRAPHITE		A1					10.05.2010	
4	0005	HY7246772138		ZSUD	F70	FLANGE BLIND CS 8" CL 300 RAISED FACE					
		2.000	EA	16.000							
HY7246772-02		02	ANSI:B16.5		A3					10.05.2010	
					MA BY QC &LLOYDS						
4	0006	HY7142198389		ZSUD	F70	STUD 2 NUTS M22X170					
		24.000	EA	0.758							
HY7142198-04		04	ASTM A193B7/194 2H		A1					10.05.2010	
3	0006	11631611459-05		HALB	F30	VENT CONN. 2"					
		4.000	EA	4.700			11631611459-05		00		
						1.000		x		10.05.2010	
N12											
4	0001	HE9691002060		ZSUD	F	SW COUPLING ANSI 6000# SS 2"X75					
		4.000	EA	3.500							
HE91002V06			HE91002V06		A3					10.05.2010	
					MA BY QC &LLOYDS						
4	0002	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		4.000	EA	1.200							
HE91003V00			SA105		A3					10.05.2010	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0007	11631611459-02		HALB	F30	CONDENSATE INLET CONN. 16"					
		2.000	EA	111.270			11631611459-02			00	
					1.000		x		10.05.2010		
N2, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						
4	0001	41631613190-04		HALB	F30	PIPE					
		2.000	EA	42.900			41631613190-04			00	
					1.000		x		10.05.2010		
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :290.000 X 1,240.000											
MM	2.000	90.332	KG	45.166							
HY10470-SA516/70		06			A3				10.05.2010		
					MA BY QC & LLOYDS						
4	0002	11631611459-02A		HALB	F30	RF. PAD DIA. 650/422					
		2.000	EA	26.580			11631611459-02			00	
					1.000		x		10.05.2010		
5	0001										
		2.000	ST								
									10.05.2010		
RF. PAD DIA. 422/650, MATL. COVERED IN					11631611459-11A,MA BY QC & LLOYDS						
4	0003	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=460.000											
MM	2.000	83.494	KG	41.747							
HY10470-SA516GR70		06	SA516GR70		A3				10.05.2010		
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC &LLOYDS						
3	0008	11631611459-01		HALB	F30	STEAM INLET CONN. 34"					
		1.000	EA	678.080			11631611459-01			00	
					1.000		x		10.05.2010		
N1, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0001	41631613190-05		HALB	F30	PIPE					
		1.000	EA	131.430			41631613190-05			00	
						1.000		x		10.05.2010	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :420.000 X 2,680.000											
MM	1.000	141.375	KG	141.375							
HY10470-SA516/70		06			A3					10.05.2010	
						MA BY QC & LLOYDS					
4	0002	11631611459-01A		HALB	F30	SPH DISH DIA. 1400/880 MIN. THK. 20MM					
		1.000	EA	217.220			11631611459-01			00	
						1.000		x		10.05.2010	
5	0001	HE9711814900		ZSUD	F	SP.DISH OD1400/20(MIN)TO MATCH OD-3032					
		1.000	EA	291.000			41631000410V00				
			SA516/70 (VCD)		A3					10.05.2010	
						MA BY QC & LLOYDS					
4	0003	HY1041898215		ZROH	F70	PLT BQ 63 (SA516 Gr70)					
D=920.000											
MM	1.000	328.758	KG	328.758							
HY10498-SA516GR70		01	SA516GR70		A3					10.05.2010	
BLANKING PLATE, DRILL 1/2" NPT HOLE						MA BY QC & LLOYDS					
3	0009	11631611459-09		HALB	F30	HPH-5 DRIP CONN. 8"					
		2.000	EA	90.350			11631611459-09			00	
						1.000		x		10.05.2010	
N24, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =475.000											
MM	2.000	0.950	M	30.704							
AA10455		09			A3					10.05.2010	
						MA BY QC & LLOYDS					

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0002	11631611459-09A		HALB	F30	SPH DISH DIA. 235/500 THK. 20					
		2.000	EA	35.690			11631611459-09			00	
						1.000		x		10.05.2010	
5	0001	HE9711814307		ZSUD	F	SP.DISH OD500/20(MIN) TO MATCH OD-3032					
		2.000	EA	30.000			41631000412V00				
			SA516/70 (VCD)		A3					10.05.2010	
					MA BY QC &LLOYDS						
4	0003	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
D=275.000											
MM	2.000	18.650	KG	9.325							
HY10470-SA516GR70		06	SA516GR70		A3					10.05.2010	
BLANKING PLATE					MA BY QC &LLOYDS						
4	0004	41631612812-00		HALB	F30	8" SS PIPE					
		2.000	EA	11.730			41631612812-00			00	
						1.000		x		10.05.2010	
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321					
LENGTH =350.000											
MM	2.000	0.700	M	1.000							
AA10755		07			A1					02.06.2009	
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
D=275.000											
MM	2.000	11.404	KG	5.702							
HY10786		00			A1					10.05.2010	
END PLATE					MA BY QC						
3	0010	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :250.000 X 502.000											
MM	4.000	63.052	KG	15.763							
HY10470-SA516/70		06			A1					10.05.2010	
VORTEX PLATE, FOR N29					MA BY QC						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0011	41631612705-00		HALB	F30	VORTEX PLATE					
		2.000	EA	28.400			41631612705-00			00	
						1.000		x		10.05.2010	
FOR N29											
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :250.000 X 1,020.000											
MM	2.000	64.056	KG	1.000							
HY10470-SA516/70		06			A1					02.06.2009	
3	0012	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
D=1,020.000											
MM	2.000	205.262	KG	102.631							
HY10470-SA516/70		06			A1					10.05.2010	
PLATE, FOR N30					MA BY QC						
3	0013	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :40.000 X 325.000											
MM	8.000	13.064	KG	1.633							
HY10470-SA516/70		06			A1					10.05.2010	
RIB, FOR N30					MA BY QC						
3	0014	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :50.000 X 1,020.000											
MM	2.000	12.812	KG	6.406							
HY10470-SA516/70		06			A1					10.05.2010	
STIFFENER, FOR N30					MA BY QC						
3	0015	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :50.000 X 502.000											
MM	4.000	12.612	KG	3.153							
HY10470-SA516/70		06			A1					10.05.2010	
STIFFENER, FOR N30					MA BY QC						
3	0016	11631611459-08		HALB	F30	CBD TANK VENT CONN. 12"					
		1.000	EA	72.350			11631611459-08			00	
						1.000		x		10.05.2010	
N21, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks						
4	0001	AA1049355784		ZROH	F70	PIPE(SMLS) 323.9X17.48 CS SA106 GR B					
LENGTH =290.000											
MM	1.000	0.290	M	38.306							
AA10455		09			A3				10.05.2010		
					MA BY QC &LLOYDS						
4	0002	11631611459-08A		HALB	F30	RF. PAD DIA. 500/340					
		1.000	EA	14.610			11631611459-08			00	
						1.000		x		10.05.2010	
5	0001										
		1.000	ST								
									10.05.2010		
RF. PAD DIA. 340/500, MATL. COVERED IN					11631611459-10A,MA BY QC & LLOYDS						
4	0003	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)					
D=375.000											
MM	1.000	21.675	KG	21.675							
HY10470-SA516GR70		06	SA516GR70		A3				10.05.2010		
BLANKING PLATE					MA BY QC &LLOYDS						
3	0017	11631611459-06		HALB	F30	THERMOMETER CONN. M33X2					
		2.000	EA	0.680			11631611459-06			00	
						1.000		x		10.05.2010	
N17											
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCRW M33X2-F L=45 40					
		2.000	EA	0.400							
AA7326101-01		01			A3				10.05.2010		
					MA BY QC &LLOYDS						
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2					
		2.000	EA	0.280							
HY9601207-01-03		03			A3				10.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2					
		2.000	EA	0.001							
HY7161094-00-00-01		01	CSN029310		A1					10.05.2010	
3	0018	11631611459-07		HALB	F30	PG, PT & TEST PG TAP POINT CONN. 1/2"					
		4.000	EA	0.350			11631611459-07			00	
						1.000		x		10.05.2010	
N19,N20,N28, FOR NOZZLE CONFIG. REFER						VAR 06 OF DRG. 11631011267					
4	0001	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45					
		4.000	EA	0.230							
HE91001V01			HE91001V01		A3					10.05.2010	
						MA BY QC &LLOYDS					
4	0002	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		4.000	EA	0.120							
HE91003V01			SA516/70 (VCD)		A3					10.05.2010	
3	0019	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
SQUARE = 1,200.000 X 1,200.000											
MM	1.000	138.240	KG	138.240							
HY10786		00			A1					10.05.2010	
IMPINGEMENT PLATE						MA BY QC					
3	0020	41631612707-00		HALB	F30	TOP CHANNEL					
		1.000	EA	28.000			41631612707-00			00	
						1.000		x		10.05.2010	
4	0001	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =2,150.000											
MM	1.000	28.165	KG	1.000							
AA10108		10								02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0021	41631612708-00		HALB	F30	BOTTOM CHANNEL					
		1.000	EA	34.300			41631612708-00			00	
						1.000		x		10.05.2010	
4	0001	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =2,650.000											
MM	1.000	34.715	KG	1.000							
AA10108		10								02.06.2009	
3	0022	41631612706-01		HALB	F30	PAD					
		2.000	EA	5.800			41631612706-01			00	
						1.000		x		10.05.2010	
4	0001	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :125.000 X 350.000											
MM	2.000	13.738	KG	1.000							
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
3	0023	HY1041870078		ZROH	F70	PLT BQ 10 VCD					
D=50.000											
MM	2.000	0.308	KG	0.154							
HY10470		06			A1					10.05.2010	
PAD FOR MANHOLE HOOK, MATCH TO DISHD					MA BY QC &LLOYDS,END OD						
3	0024	41631112231-00		HALB	F30	HOOK					
		1.000	EA	2.670			41631112231-00			00	
						1.000		x		10.05.2010	
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8					
LENGTH =1,200.000											
MM	1.000	2.952	KG	1.000							
AA10208		07								02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0025	HY7142198052		ZSUD	F70	STUD 2 NUTS M16X90					
		8.000	EA	0.256							
HY7142198-04		04	ASTM A193B7/194 2H		A1					10.05.2010	
FOR FIXING IMPINGEMENT PLATE											
3	0026	41631612706-02		HALB	F30	PAD					
		2.000	EA	6.600			41631612706-02			00	
						1.000		x		10.05.2010	
4	0001	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :125.000 X 350.000											
MM	2.000	13.738	KG	1.000							
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
3	0027	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		4.000	EA	0.300							
HE91003V03			SA516/70 (VCD)							10.05.2010	
ON BLANKING PLATE FOR N29,N30											
3	0028	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)					
		2.000	EA	0.200							
HE91003V02-SA105			SA105							10.05.2010	
ON BLANKING PLATE FOR N2											
3	0100	D11631011267				NOZZLE ATTACHMENT DETAILS					
		1.000	ST								
		00								10.05.2010	
NOZZLE ATTACHMENT DETAILS											
2	0003	11631611332-00		HALB	F30	WATER BOX ASSLY.					
		1.000	EA	2,189.446			11631611332-00			00	
						1.000		x		15.02.2011	
POS. NO. 1 TO 23											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
3	0001	11631611246-00		HALB	F30	VALVE PLATE ASSLY.						
		1.000	EA	1,064.280			11631611246-00			00		
						1.000		x		02.06.2009		
4	0001	11631611246-02		HALB	F30	VALVE PLATE (MIDDLE)						
		1.000	EA	339.680			11631611246-02			00		
						1.000		x		02.06.2009		
MA BY QC												
5	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :1,579.000 X 2,450.000												
MM	1.000	371.381	KG	1.000								
HY10786		00			A1					02.06.2009		
4	0002	11631611246-01		HALB	F30	VALVE PLATE (LEFT & RIGHT)						
		2.000	EA	362.300			11631611246-01			00		
						1.000		x		02.06.2009		
MA BY QC												
5	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :1,579.000 X 2,570.000												
MM	2.000	779.142	KG	1.000								
HY10786		00			A1					02.06.2009		
3	0002	41631612562-02		HALB	F30	BACKING STRIP						
		2.000	EA	2.400			41631612562-02			00		
						1.000		x		02.06.2009		
MA BY QC												
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L						
RECTANGLE :1,555.000 X 25.000												
MM	2.000	4.976	KG	1.000								
HY10786		00			A1					02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0003	41631612563-00		HALB	F30	END PLATE					
		1.000	EA	41.100			41631612563-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,590.000 X 420.000											
MM	1.000	64.109	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0004	41631612564-00		HALB	F30	END PLATE					
		1.000	EA	41.200			41631612564-00			00	
						1.000		x		02.06.2009	
MA BYQ C											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,590.000 X 420.000											
MM	1.000	64.109	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0005	41631612562-01		HALB	F30	PAD					
		2.000	EA	27.700			41631612562-01			00	
						1.000		x		02.06.2009	
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :956.000 X 460.000											
MM	2.000	56.290	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0006	41631612566-00		HALB	F30	PLATE					
		4.000	EA	2.600			41631612566-00			00	
						1.000		x		02.06.2009	

H.Material

BOM ST

Plant

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100	100

Base Qty(EA)

T31631611682-00

01

P006

600 MW DEAERATOR HEATER ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631611682-00

Drg

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L				
RECTANGLE :970.000 X 70.000										
MM	4.000	17.384	KG	1.000						
HY10786		00			A1					02.06.2009
3	0007	31631611244-01		HALB	F30	J-STIFFENER				
		2.000	EA	57.900			31631611244-01			00
						1.000		x		02.06.2009
MA BY QC										
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L				
RECTANGLE :1,470.000 X 450.000										
MM	2.000	127.008	KG	1.000						
HY10786		00			A1					02.06.2009
3	0008	31631611244-02		HALB	F30	J-STIFFENER				
		1.000	EA	53.200			31631611244-02			00
						1.000		x		02.06.2009
MA BY QC										
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L				
RECTANGLE :1,370.000 X 450.000										
MM	1.000	59.184	KG	1.000						
HY10786		00			A1					02.06.2009
3	0009	31631611244-03		HALB	F30	J-STIFFENER				
		2.000	EA	17.600			31631611244-03			00
						1.000		x		02.06.2009
MA BY QC										
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L				
RECTANGLE :460.000 X 450.000										
MM	2.000	39.744	KG	1.000						
HY10786		00			A1					02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
3	0010	AA1071155369		ZROH	F70	PIPE(SMLS) 168.3X7.1 S.S SA312 GRTP321						
LENGTH =400.000												
MM	4.000	1.600	M	11.100								
AA10755		07			A1					02.06.2009		
						MA BY QC						
3	0011	41631612288-00		HALB	F30	LINER PLATE						
		2.000	EA	94.500			41631612288-00			00		
						1.000		x		02.06.2009		
MA BY QC												
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :2,990.000 X 806.000												
MM	2.000	192.796	KG	1.000								
HY10786		00			A1					02.06.2009		
3	0012	41631612567-00		HALB	F30	LINER PLATE						
		1.000	EA	49.600			41631612567-00			00		
						1.000		x		02.06.2009		
MA BY QC												
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :1,570.000 X 806.000												
MM	1.000	50.617	KG	1.000								
HY10786		00			A1					02.06.2009		
3	0013	41631612290-00		HALB	F30	LINER PLATE						
		2.000	EA	86.500			41631612290-00			00		
						1.000		x		02.06.2009		
MA BY QC												
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :2,990.000 X 738.000												
MM	2.000	176.530	KG	1.000								
HY10786		00			A1					02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0014	41631612568-00		HALB	F30	LINER PLATE					
		1.000	EA	45.500			41631612568-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :1,570.000 X 738.000											
MM	1.000	46.346	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0015	41631612569-00		HALB	F30	BACKING STRIP					
		2.000	EA	22.300			41631612569-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :7,566.000 X 50.000											
MM	2.000	48.422	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0016	HE9719162040		ZSUD	F	SPRAY VALVE FOR DEAERATOR					
		108.000	EA	1.500			21631000019V00				
HE51272V00										02.06.2009	
TEFLON GASKET, NUTS INCLUDED						MA BY QC &LLOYDS					
3	0019	HE9751386020		ZSUD	F	HEX HEAD BOLT M12X60 SS FULL THREADED					
		216.000	EA	0.068							
			SA193 B8							02.06.2009	
3	0020	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
FULL RING: D= 152.000 / 70.000											
MM	4.000	2.288	KG	0.530							
HY10786		00			A1					02.06.2009	
LINER RING						MA BY QC					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0021	41631612562-02		HALB	F30	BACKING STRIP					
		2.000		EA	2.400			41631612562-02		00	
						1.000		x		02.06.2009	
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :1,555.000 X 25.000											
MM	2.000	4.976		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0022	HY7242584280		ZSUD	F70	PLUG HEX HD SS 1/2" NPT ENDS					
		1.000		EA	0.250						
HY7242584-01-00		00	ANSI:B16.11(SS)		A1					02.06.2009	
3	0023	31631611244-04		HALB	F30	J-STIFFENER					
		2.000		EA	15.500			31631611244-04		00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :400.000 X 450.000											
MM	2.000	34.560		KG	1.000						
HY10786		00			A1					02.06.2009	
2	0004	11631611283-00		HALB	F30	TRAY ASSLY.					
		1.000		EA	7,357.824			11631611283-00		00	
						1.000		x		15.02.2011	
POS. NO. 1 TO 49											
3	0001	41631611766-00		HALB	F30	BOTTOM CHANNEL					
		7.000		EA	25.000			41631611766-00		00	
						1.000		x		02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A					
LENGTH =2,742.000											
MM	7.000	176.582		KG	1.000						
AA10108		10			A1					02.06.2009	
3	0002	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =7,630.000											
MM	2.000	68.670		KG	34.340						
AA10108		10			A1					02.06.2009	
BOTTOM SIDE ANGLE											
3	0003	AA1012508234		ZROH	F70	ANGLE EQL 100X100X10 IS2062GRE250 QLTY-A					
LENGTH =940.000											
MM	4.000	56.024		KG	14.000						
AA10108		10			A1					02.06.2009	
CORNER POST ANGLE											
3	0004	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =940.000											
MM	14.000	117.124		KG	8.370						
AA10108		10			A1					02.06.2009	
SIDE POST ANGLE											
3	0005	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =7,696.000											
MM	2.000	136.988		KG	68.494						
AA10108		10			A1					10.09.2009	
TOP SIDE ANGLE											
3	0006	41631612565-00		HALB	F30	END ANGLE					
		2.000		EA	22.600			41631612565-00		00	
						1.000		x		02.06.2009	
4	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =2,542.000											
MM	2.000	45.248		KG	1.000						
AA10108		10			A1					02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0007	41631611455-00		HALB	F30	SIDE CLIP					
		18.000	EA	0.380			41631611455-00			00	
						1.000		x		02.06.2009	
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :95.000 X 65.000											
MM	18.000	10.674	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0008	41631611768-00		HALB	F30	HOLD DOWN ANGLE ASSLY.					
		7.000	EA	24.000			41631611768-00			01	
						1.000		x		02.06.2009	
4	0001	41631611768-01		HALB	F30	ANGLE SS					
		7.000	EA	22.100			41631611768-01			01	
						1.000		x		02.06.2009	
5	0001	HEN107250001		ZROH	F70	ANGLE SS 75 X 75 X 8 TP304					
LENGTH =2,494.000											
MM	7.000	212.989	KG	1.000							
HY10761		00								02.06.2009	
4	0002	41631611768-02		HALB	F30	BAR PLATE					
		7.000	EA	1.900			41631611768-02			01	
						1.000		x		02.06.2009	
5	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,494.000 X 20.000											
MM	7.000	13.965	KG	1.000							
HY10786		00			A1					02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0009	41631611769-00		HALB	F30	ENDS HOLD DOWN ANGLE ASSLY.					
		2.000		EA	23.400			41631611769-00		00	
						1.000		x		02.06.2009	
4	0001	41631611769-01		HALB	F30	ANGLE					
		2.000		EA	22.100			41631611769-01		00	
						1.000		x		02.06.2009	
5	0001	HEN107250001		ZROH	F70	ANGLE SS 75 X 75 X 8 TP304					
LENGTH =2,494.000											
MM	2.000	60.854		KG	1.000						
HY10761		00								02.06.2009	
4	0002	41631611769-02		HALB	F30	BAR PLATE					
		2.000		EA	1.300			41631611769-02		00	
						1.000		x		02.06.2009	
5	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,494.000 X 13.000											
MM	2.000	2.594		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0010	41631612709-02		HALB	F30	END SHEET					
		2.000		EA	46.200			41631612709-02		00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,542.000 X 784.000											
MM	2.000	159.434		KG	1.000						
HY10786		00			A1					02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0011	41631612571-00		HALB	F30	END PLATE (MAN HOLE SIDE)					
		2.000	EA	37.400			41631612571-00			00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :1,015.000 X 936.000											
MM	2.000	76.004	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0012	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :3,783.000 X 935.000											
MM	4.000	565.936	KG	138.670							
HY10786		00			A1					02.06.2009	
SIDE SHEET					MA BY QC						
3	0013	41631612572-00		HALB	F30	END PLATE					
		1.000	EA	101.100			41631612572-00			00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,532.000 X 1,015.000											
MM	1.000	102.799	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0014	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :3,783.000 X 1,015.000											
MM	4.000	614.360	KG	151.020							
HY10786		00			A1					02.06.2009	
SIDE PLATE					MA BY QC						
3	0015	AA1012508307		ZROH	F70	ANGLE EQL 150X150X12 IS2062GRE250 QLTY-A					
LENGTH =7,696.000											
MM	2.000	420.202	KG	174.350							
AA10108		10								02.06.2009	
UNEQUAL ANGLE, CUT TO MAKE ANGLE					12X90X150						

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0016	41631611573-00		HALB	F30	SHIM PLATE					
		4.000	EA	0.360			41631611573-00			01	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :210.000 X 50.000											
MM	4.000	1.680	KG	1.000							
HY10786		00		A1						02.06.2009	
3	0017	HE9751386039		ZSUD	F	BOLT M12X55 SS					
		6.000	EA	0.010							
			SS							02.06.2009	
3	0018	HE9751386071		ZSUD	F	NUT HEXA M12					
		6.000	EA	0.005							
			SA194 GR.8							02.06.2009	
3	0019	HE9751386101		ZSUD	F	WASHER M12 SS					
		6.000	EA	0.001							
			SS304							02.06.2009	
3	0020	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
SQUARE = 51.000 X 51.000											
MM	35.000	3.640	KG	0.010							
HY10786		00		A1						02.06.2009	
PLATE					MA BY QC						
3	0021	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :51.000 X 1,250.000											
MM	2.000	5.100	KG	2.550							
HY10786		00		A1						10.09.2009	
END STIFFENER					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0022	41631612710-00		HALB	F30	STIFFENER					
		18.000	EA	3.500			41631612710-00			00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :600.000 X 162.000											
MM	18.000	69.984	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0023	HE9751386012		ZSUD	F	HEX HEAD BOLT M20X75 SS FULL THREADED					
		18.000	EA	0.245							
			SA193 B8							02.06.2009	
						MA BY QC					
3	0024	HE9751386055		ZSUD	F	NUT M20 SS					
		18.000	EA	0.005							
			SA194 GR.8							02.06.2009	
3	0025	HE9751386098		ZSUD	F	WASHER M20 SS					
		36.000	EA	0.001							
			SS304							02.06.2009	
3	0026	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,540.000 X 51.000											
MM	1.000	5.182	KG	4.940							
HY10786		00			A1					02.06.2009	
END STIFFENER						MA BY QC					
3	0027	41631611463-00		HALB	F30	BOTTOM WASHER					
		35.000	EA	0.016			41631611463-00			00	
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
SQUARE = 25.000 X 25.000											
MM	35.000	0.875		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0028	41631612272-00		HALB	F30	HOLD DOWN ROD DIA.10					
		35.000		EA	0.620			41631612272-00			00
						1.000		x		02.06.2009	
4	0001	HY1070270067		ZROH	F70	RND SS 10					
LENGTH =1,010.000											
MM	35.000	22.260		KG	1.000						
HY10770		02			A1					02.06.2009	
3	0029	HE9751386128		ZSUD	F	WASHER M10 SS					
		35.000		EA	0.001						
			SS304							02.06.2009	
3	0030	HE9751386080		ZSUD	F	NUT M10 SS					
		105.000		EA	0.005						
			SA194 GR.8							02.06.2009	
3	0031	HE9751387019		ZSUD	F	BAR GRATING WIDTH=755, LENGTH=2500					
		11.000		EA	90.000						
HE51387V01			CS							02.06.2009	
3	0032	41631611577-00		HALB	F30	SIDE BAR					
		2.000		EA	1.900			41631611577-00			01
						1.000		x		02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no		Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L				
RECTANGLE :940.000 X 51.000										
MM	2.000	3.836		KG	1.000					
HY10786		00			A1					02.06.2009
3	0033	41631611578-00		HALB	F30	SIDE BAR				
		2.000		EA	1.900			41631611578-00		01
						1.000		x		02.06.2009
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L				
RECTANGLE :934.000 X 51.000										
MM	2.000	3.810		KG	1.000					
HY10786		00			A1					02.06.2009
3	0034	41631611579-00		HALB	F30	GRAB BAR				
		2.000		EA	1.390			41631611579-00		01
						1.000		x		02.06.2009
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L				
RECTANGLE :650.000 X 70.000										
MM	2.000	3.640		KG	1.000					
HY10786		00			A1					02.06.2009
3	0035	HY1071886010		ZROH	F70	PLT SS 5 TP304L				
RECTANGLE :945.000 X 660.000										
MM	1.000	24.948		KG	24.400					
HY10786		00			A1					02.06.2009
DOOR					MA BY QC					
3	0036									
		1.000		ST						
										10.09.2009
SWINGING DOOR, MATL. TO BE TAKEN FROM					MA BY QC					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0037	HY1071155660		ZROH	F70	PIPE SS 12.7 X 2.1 A312 TP321					
LENGTH =600.000											
MM	2.000	1.200	M	0.300							
AA10755		07			A1					02.06.2009	
					MA BY QC						
3	0038	HE9751386136		ZSUD	F	SS HINGE L=560, (16 GAUGE X 38 WIDTH)					
		2.000	EA	1.000							
			SS304							02.06.2009	
3	0039	HE9751386047		ZSUD	F	BOLT HEXA M6X35					
		8.000	EA	0.001							
										02.06.2009	
3	0040	HE9751386063		ZSUD	F	NUT HEXA M6					
		8.000	EA	0.001							
			SA194 GR.8							02.06.2009	
3	0041	HE9751386110		ZSUD	F	WASHER M6 SS					
		16.000	EA	0.001							
			SS304							02.06.2009	
3	0042	41631612711-00		HALB	F30	ANGLE					
		2.000	EA	8.800			41631612711-00		00		
						1.000		x		02.06.2009	
4	0001	AA1012508102		ZROH	F70	ANGLE EQL 65X65X8 IS2062 GRE250 QLTY-A					
LENGTH =1,170.000											
MM	2.000	18.018	KG	1.000							
AA10108		10			A1					02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0043	41631611781-00		HALB	F30	PLATE					
		2.000		EA	0.800			41631611781-00		00	
						1.000		x		02.06.2009	
4	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD					
RECTANGLE :153.000 X 95.000											
MM	2.000	1.826		KG	1.000						
HY10470		06				A1				02.06.2009	
3	0044	HY1041870060		ZROH	F70	PLT BQ 8 VCD					
RECTANGLE :1,160.000 X 800.000											
MM	1.000	58.278		KG	58.250						
HY10470		06				A1				02.06.2009	
MANWAY PLATE					MA BY QC						
3	0045	HE9710042076		ZSUD	F	TRAY ASSEMBLY FOR DEAERATOR					
		576.000		EA	6.000			21631000020V00			
			SS430							02.06.2009	
					MA BY QC &LLOYDS						
3	0046	41631612298-00		HALB	F30	PAD(FOR UNEQUAL ANGLE)					
		22.000		EA	4.900			41631612298-00		00	
						1.000		x		02.06.2009	
MA BY QC & LLOYDS											
4	0001	HY1041870078		ZROH	F70	PLT BQ 10 VCD					
RECTANGLE :251.000 X 250.000											
MM	22.000	108.372		KG	1.000						
HY10470		06				A1				02.06.2009	
3	0047	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :660.000 X 75.000											
MM	1.000	1.980		KG	1.960						
HY10786		00				A1				02.06.2009	
COVER PLATE					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0048	HE9715574009		ZSUD	F	SPLIT PIN 2.5 X 15, SS					
		35.000	EA	0.006			41631000378V01				
			SS304							02.06.2009	
ON HOLD DOWN ROD											
3	0049	41631612692-00		HALB	F30	BOTTOM CHANNEL					
		2.000	EA	25.100			41631612692-00			00	
						1.000		x		10.09.2009	
4	0001	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A					
LENGTH =2,742.000											
MM	2.000	50.452	KG	1.000							
AA10108		10			A1					02.06.2009	
3	0100	D11631611293				TRAY ASSLY DETAILS					
		1.000	ST								
		00								10.09.2009	
TRAY ASSLY. DETAILS											
1	0051	41631613068-03		HALB	F30	ORIFICE PIPE ASSEMBLY					
		4.000	EA	47.820			41631613068-03			00	
						1.000				15.02.2011	
FOR N12											
2	0001	CPCA10350006		ZSUD	F	GLOBE VLV,SS A351CF8,2"CL300SORF					
		4.000	EA	35.000							
										02.06.2009	
2	0002	HY1071055771		ZROH	F70	PIPE SS 60.3 X 8.74 A312 TP321					
LENGTH =195.000											
MM	4.000	0.780	M	2.060							
AA10755		07			A1					02.06.2009	
					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611682-00	01	P006	600 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,734.000	HEEDEASH	15.02.2011		31631611682-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
2	0003	HY7246164065		ZSUD	F70	FLANGE SOW SS 2" CL 300 RAISED FACE						
		8.000	EA	3.000								
HY7246164-02		02	ANSI:B16.5		A1					02.06.2009		
2	0004	HY7240366057		ZSUD	F	NAB M.S.W. GASKET SIZE 2"#600 GRPH						
		12.000	EA	0.050								
HY7240366		00	GRAPHITE		A1					02.06.2009		
2	0005	41631612440-00		HALB	F30	ORIFICE PLATE						
		4.000	EA	0.260			41631612440-00		01			
						1.000		x		02.06.2009		
3	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
D=92.000												
MM	4.000	1.064	KG	0.260								
HY10786		00			A1					02.06.2009		
2	0006	HY7142198060		ZSUD	F70	STUD 2 NUTS M16X100						
		64.000	EA	0.272								
HY7142198		04	ASTM A193B7/A1942H		A1					02.06.2009		
1	0052	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B						
LENGTH =1,000.000												
MM	4.000	4.000	M	1.600								
AA10455		09			A1					21.02.2011		
FOR N19,N20,N28												
1	0053	AA7506468581		ZSUD	F	GLOBE VALVE,CS 1/2", 800,SOCKET						
		4.000	EA	1.600								
					A1					21.02.2011		
FOR N19,N20,N28												

H.Material

BOM ST

Plant

Header	Desc
1	Header 1
2	Header 2
3	Header 3
4	Header 4
5	Header 5
6	Header 6
7	Header 7
8	Header 8
9	Header 9
10	Header 10
11	Header 11
12	Header 12
13	Header 13
14	Header 14
15	Header 15
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17	Header 17
18	Header 18
19	Header 19
20	Header 20
21	Header 21
22	Header 22
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100	Header 100

Base Qty(EA)

T31631611682-00

01

P006

600 MW DEAERATOR HEATER ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631611682-00

Drg

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0058	AA7246101144		ZSUD	F70	FLANGE SOW CS 10" CL 150 RAISED FACE						
		2.000		EA	17.000							
AA7246101-01-01		01	ANSI B16.5		A1					21.02.2011		
FOR N9A,N9B												
1	0059	HY7240364062		ZSUD	F	NAB M.S.W. GASKET SIZE 10" #150 GRPH						
		2.000		EA	0.300							
HY7240364		00	GRAPHITE		A1					21.02.2011		
FOR N9A,N9B												
1	0060	HY7142198362		ZSUD	F70	STUD 2 NUTS M22X150						
		24.000		EA	0.698							
HY7142198-04		04	ASTM:A193B7/1942H		A1					21.02.2011		
FOR N9A,N9B												
1	0061	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH						
		2.000		EA	0.200							
HY7240365		00	GRAPHITE		A1					21.02.2011		
FOR N9A,N9B												

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0003	31631111960-00C		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-III)				
		1.000	EA	26,530.000			31631111960-00		00	
						1.000				15.02.2011
GROUP 3 & 6										
2	0003	11631111364-00C		HALB	F30	SHELL ASSLY (SEC-III)				
		1.000	EA	24,460.000			11631111364-00		00	
						1.000		x		15.02.2011
GROUP 1 TO 6										
3	0001	11631111364-01A		HALB	F30	SHELL SEGMENT				
		4.000	EA	4,007.130			11631111364-01		00	
						1.000		x		11.05.2010
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD				
RECTANGLE :2,500.000 X 11,380.000										
MM	4.000	16,079.94	KG	4,019.985						
HY10470		06			A3					11.05.2010
					MA BY QC & LLOYDS					
3	0002	11631111364-01B		HALB	F30	SHELL SEGMENT				
		1.000	EA	2,896.720			11631111364-02		00	
						1.000		x		11.05.2010
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD				
RECTANGLE :1,810.000 X 11,380.000										
MM	1.000	2,910.469	KG	2,910.469						
HY10470		06			A3					11.05.2010
					MA BY QC & LLOYDS					
3	0003	11631111364-02		HALB	F30	DISHED END ID 3600X 18MM MIN. THK. SF=75				
		1.000	EA	2,606.000			11631111364-02		00	
						1.000		x		11.05.2010

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00C	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9711834430		ZSUD	F	2:1 ELLIP.DISHED END ID3600/18(MIN)SF-75						
		1.000	EA	2,606.000			41631000461V00					
HE51370V00			SA516/70 (VCD)		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0004	11631111364-03A		HALB	F30	STIFFENER RING (THK. 25X DIA.3596/3196)						
		3.000	EA	419.610			11631111364-03			00		
						3.000		x		11.05.2010		
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,145.000 X 4,065.000												
MM	1.000	1,711.187	KG	1,711.187								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0005	31631111653-00		HALB	F30	SLIDING SUPPORT ASSLY						
		1.000	EA	1,028.100			31631111653-00			00		
						1.000		x		11.05.2010		
4	0001	31631111653-01		HALB	F30	PAD						
		1.000	EA	315.900			31631111653-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS, INDENT NO. HE6F0861												
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :530.000 X 4,210.000												
MM	1.000	315.283	KG	315.930								
HY10470		06			A1					02.06.2009		
4	0002	31631111653-02		HALB	F30	VERTICAL RIB						
		1.000	EA	251.500			31631111653-02			00		
						1.000		x		02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :1,200.000 X 3,190.000												
MM	1.000	600.996	KG	251.500								
AA10119		13			A1					02.06.2009		
4	0003	31631111653-03		HALB	F30	BASE PLATE						
		1.000	EA	292.300			31631111653-03			00		
						1.000		x		02.06.2009		
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	292.330								
AA10119		13			A1					02.06.2009		
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 335.000												
MM	4.000	50.492	KG	12.580								
AA10119		13			A1					02.06.2009		
RIB					MA BY QC							
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 783.000												
MM	4.000	118.012	KG	29.503								
AA10119		13			A1					11.09.2009		
RIB					MA BY QC							
3	0006	11631111364-04A		HALB	F30	SPIDER ASSLY						
		1.000	EA	642.500			11631111364-04			00		
						1.000		x		11.05.2010		
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A						
LENGTH =1,600.000												
MM	8.000	192.000	KG	24.000								
AA10108		10			A1					11.05.2010		

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111960-00C

01

P006

600 MW DEAERATOR ST.TANK ASSLY
(SEC-III)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

26,894.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=500.000												
MM	1.000	30.827	KG	30.827								
AA10119		13			A1					11.05.2010		
CENTRE PLATE					MA BY QC							
4	0003	11631111364-04C		HALB	F30	RING FOR SPIDER (OD 3596 ID 3196 X 25)						
		1.000	EA	419.610			11631111364-04			00		
						1.000		x		11.05.2010		
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,145.000 X 1,545.000												
MM	1.000	650.377	KG	650.377								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
					MA BY QC							
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								11.05.2010		
WELDING DETAILS AND WPS NOS.												
2	0006	11631111365-00C		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-III)						
		1.000	EA	2,069.000			11631111365-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 20												
3	0001	31631111588-07SA		HALB	F30	MANHOLE ASSLY.						
		1.000	EA	506.890			31631111588-07			00		
						1.000		x		11.05.2010		
N7B, REFER VAR 03 OF DRG. 11631111365												
4	0001	41631113998-02		HALB	F30	PIPE						
		1.000	EA	79.500			41631113998-02			00		
						1.000		x		24.02.2010		

H.Material

BOM ST

Plant

Header	Desc
1	1
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7	7
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100	100

Base Qty(EA)

T3163111960-00C

01

P006

600 MW DEAERATOR ST. TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

26,894.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :480.000 X 1,560.000											
MM	1.000	94.049	KG	94.049							
HY10470-SA516/70		06			A3					23.02.2010	
						MA BY QC & LLOYDS					
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF					
		1.000	EA	135.000							
AA7246106		02	ANSI B 16.5							24.02.2010	
MA BY QC & LLOYDS						MA BY QC &LLOYDS					
4	0003	HY7240363155		ZSUD	F	NAB M.S.W. GASKET SIZE 20" #300 PTFE					
		1.000	EA	0.480							
HY7240363		00	PTFE		A1					24.02.2010	
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST					
		24.000	EA	2.441							
HY7142299-04		04	ASTM A193B7/194 2H		A1					24.02.2010	
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300					
		1.000	EA	150.000							
HY7246772		02	A105		A2					24.02.2010	
MA BY QC & LLOYDS						MA BY QC &LLOYDS					
4	0006	31631111588-07A		HALB	F30	HANDLE					
		2.000	EA	0.800			31631111588-07		00		
						1.000		x		24.02.2010	
5	0001	HY1010299107		ZROH	F70	RND CS 20					
LENGTH =340.000											
MM	2.000	1.672	KG	1.000							
HY10199		03								02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07			00		
						1.000		x		24.02.2010		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ) IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07			00		
						1.000		x		24.02.2010		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		24.02.2010		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							24.02.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							24.02.2010		
3	0002	11631111365-03A		HALB	F30	SPHERICAL DISH DIA.524/850X18						
		1.000	EA	69.640			11631111365-03			00		
						1.000		x		11.05.2010		
FOR N7B												
4	0001	HE9711834448		ZSUD	F	SP.DISH OD850/18(MIN) TO MATCH OD-3636						
		1.000	EA	110.800			41631000461V00					
			SA516/70 (VCD)		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0003	11631111365-01		HALB	F30	FEED WATER OUTLET CONN. 18"						
		1.000	EA	244.520			11631111365-01			00		
						1.000		x		11.05.2010		
N3, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011178							
4	0001	41631113998-03		HALB	F30	PIPE						
		1.000	EA	67.980			41631113998-03			00		
						1.000		x		11.05.2010		
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :390.000 X 1,400.000												
MM	1.000	68.578	KG	68.578								
HY10470-SA516/70		06			A3					06.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-01A		HALB	F30	RF. PAD DIA. 473/650						
		1.000	EA	24.310			11631111365-01			00		
						1.000		x		11.05.2010		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
26,894.000	HEEDEASH	15.02.2011		31631111960-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 660.000 X 660.000												
MM	1.000	61.550	KG	61.550								
HY10470		06			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041870183		ZROH	F70	PLT BQ 36 VCD (SA516 Gr70)						
D=520.000												
MM	1.000	60.016	KG	60.016								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :200.000 X 537.000												
MM	1.000	16.862	KG	16.862								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
RIB					MA BY QC							
4	0005	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=617.000												
MM	1.000	58.677	KG	58.677								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
COVER PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :200.000 X 259.000												
MM	2.000	16.266	KG	8.133								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
RIB					MA BY QC							
3	0004	11631111365-12		HALB	F30	BFP RECIRCULATION CONN. 8"						
		2.000	EA	65.570			11631111365-12			00		
						1.000		x		11.05.2010		
N22, FOR NOZZLE CONFIG. REFER VAR 10 OF					DRG. 11631011178							
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B						
LENGTH =420.000												
MM	2.000	0.840	M	27.149								
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0002	11631111365-12A		HALB	F30	RF. PAD DIA. 235/400					
		2.000	EA	12.820			11631111365-12			00	
						1.000		x		11.05.2010	
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
SQUARE = 410.000 X 410.000											
MM	2.000	47.506	KG	23.753							
HY10470		06			A3					11.05.2010	
					MA BY QC & LLOYDS						
4	0003	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
D=275.000											
MM	2.000	18.650	KG	9.325							
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010	
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS						
4	0004	41631612812-00		HALB	F30	8" SS PIPE					
		2.000	EA	11.730			41631612812-00			00	
						1.000		x		11.05.2010	
					MA BY QC						
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321					
LENGTH =350.000											
MM	2.000	0.700	M	1.000							
AA10755		07			A1					02.06.2009	
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
D=275.000											
MM	2.000	11.404	KG	5.702							
HY10786		00			A1					11.05.2010	
END PLATE					MA BY QC						
3	0005	11631111365-05		HALB	F30	VENTILATOR CONN. 6"					
		1.000	EA	61.650			11631111365-05			00	
						1.000		x		11.05.2010	
N11, FOR NOZZLE CONFIG. REFER VAR 04 OF					DRG. 11631011178						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00C	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on		Drq no
26,894.000	HEEDEASH	15.02.2011			31631111960-00
					Drq Rev 00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =265.000												
MM	1.000	0.265	M	11.278								
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-05A		HALB	F30	RF. PAD DIA. 184/300						
		1.000	EA	6.870			11631111365-05			00		
						1.000		x		11.05.2010		
5	0001											
		1.000	ST									
										11.05.2010		
RF. PAD DIA. 184/300, COVERED IN					11631111365-01,MA BY QC & LLOYDS							
4	0003	AA7246106120		ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE						
		1.000	EA	16.500								
AA7246106-02		02	ANSI B 16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0004	HY7142198192		ZSUD	F70	STUD 2 NUTS M20X130						
		12.000	EA	0.513								
HY7142198-04		04	ASTM A193B7/194 2H		A1					11.05.2010		
4	0005	HY7246772120		ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE						
		1.000	EA	12.000								
HY7246772-02		02	ANSI:B16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0006	HY7240363082		ZSUD	F	NON ASBESTOS M.S.W. GASKET SIZE 6" CLAS						
		1.000	EA	0.150								
HY7240363		00	PTFE		A1					11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
3	0006	41631113897-02		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	387.100			41631113897-02			00		
						1.000		x		11.05.2010		
FOR N4												
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =6,000.000												
MM	1.000	6.000	M	387.120								
AA10455		09			A2					09.06.2009		
3	0007	41631113897-01		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	374.900			41631113897-01			00		
						1.000		x		11.05.2010		
FOR N4												
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =5,780.000												
MM	1.000	5.780	M	374.890								
AA10455		09			A2					09.06.2009		
3	0008	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=375.000												
MM	1.000	21.675	KG	21.675								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
END PLATE					MA BY QC & LLOYDS							
3	0009	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
D=50.000												
MM	4.000	0.616	KG	0.154								
HY10470		06			A1					11.05.2010		
PAD FOR MANHOLE HOOK, MATCH TO DISHED					MA BY QC & LLOYDS,END PROFILE							
3	0010	41631112231-00		HALB	F30	HOOK						
		2.000	EA	2.670			41631112231-00			00		
						1.000		x		11.05.2010		

H.Material

BOM ST

Plant

Header	Desc
1	1
2	2
3	3
4	4
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90	90
91	91
92	92
93	93
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95	95
96	96
97	97
98	98
99	99
100	100

Base Qty(EA)

T3163111960-00C

01

P006

600 MW DEAERATOR ST. TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

26,894.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ) IS1570GR40C8				
LENGTH =1,200.000										
MM	2.000	5.904	KG	1.000						
AA10208		07								02.06.2009
3	0011	41631113254-03		HALB	F30	HEATING PIPE SUPPORT				
		8.000	EA	17.900			41631113254-03		00	
						1.000		x		11.05.2010
4	0001	41631113348-08		HALB	F30	PAD				
		16.000	EA	1.400			41631113348-08		00	
					A3	1.000		x		02.06.2009
MA BY QC & LLOYDS										
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD				
SQUARE = 150.000 X 150.000										
MM	16.000	22.608	KG	1.000						
HY10470		06			A1					02.06.2009
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A				
LENGTH =440.000										
MM	16.000	62.656	KG	3.830						
AA10108		10			A1					02.06.2009
4	0003	41631113254-03A		HALB	F30	ANGLE				
		8.000	EA	4.700			41631113254-03		00	
						1.000		x		02.06.2009
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A				
LENGTH =524.000										
MM	8.000	37.312	KG	1.000						
AA10108		10			A1					02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY9603148105		ZSUD	F70	U-BOLT GALVZD 12"						
		8.000		EA	2.710							
HY9603148-04		04			A1					02.06.2009		
3	0012	11631111365-07		HALB	F30	OVERFLOW CONN. 6"						
		1.000		EA	98.200			11631111365-07			00	
						1.000		x		11.05.2010		
N14, FOR NOZZLE CONFIG. REFER DRG.					41631113237							
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =960.000												
MM	1.000	0.960		M	40.858							
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-07A		HALB	F30	RF. PAD DIA. 184/300						
		1.000		EA	6.870			11631111365-07			00	
						1.000		x		11.05.2010		
5	0001											
		1.000		ST								
										11.05.2010		
RF. PAD DIA. 184/300, COVERED IN					11631111365-01,MA BY QC & LLOYDS							
4	0003	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
D=225.000												
MM	1.000	4.994		KG	4.994							
HY10470-SA516/70		06			A3					11.05.2010		
BLANKING PLATE					MA BY QC & LLOYDS							
4	0004	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =1,100.000												
MM	1.000	1.100		M	46.816							
AA10455		09			A1					11.05.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00C	01	P006	600 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
26,894.000	HEEDEASH	15.02.2011		31631111960-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no		Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
3	0013	11631111365-10		HALB	F30	TG & RTD CONN , PG TEST TG CONN. M33X2				
		1.000	EA	0.680			11631111365-10		00	
						1.000		x		11.05.2010
FOR N17										
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCR W M33X2-F L=45 40				
		1.000	EA	0.400						
AA7326101-01		01			A3					11.05.2010
					MA BY QC & LLOYDS					
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2				
		1.000	EA	0.280						
HY9601207-01-03		03			A3					11.05.2010
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2				
		1.000	EA	0.001						
HY7161094-00-00-01		01	CSN029310		A1					11.05.2010
3	0014	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)				
RECTANGLE :75.000 X 750.000										
MM	1.000	8.831	KG	8.831						
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010
RIB					MA BY QC					
3	0015	11631111365-08		HALB	F30	STANDPIPE CONN. 2"				
		2.000	EA	3.710			11631111365-08		00	
						1.000		x		11.05.2010
N15, FOR NOZZLE CONFIG. REFER VAR 17 OF					DRG. 11631011178					
4	0001	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B				
LENGTH =280.000										
MM	2.000	0.560	M	3.111						
AA10455		09			A3					11.05.2010
					MA BY QC & LLOYDS					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
D=125.000												
MM	2.000	1.542	KG	0.771								
HY10470		06			A3					11.05.2010		
BLANKING PLATE					MA BY QC & LLOYDS							
3	0016	41631112198-30		HALB	F30	NAME PLATE HOLDER						
		1.000	EA	20.800			41631112198-30			00		
						1.000		x		11.05.2010		
4	0001	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)						
RECTANGLE :550.000 X 990.000												
MM	1.000	21.372	KG	20.790								
HY10498-SA516/70		01								09.06.2009		
3	0017	HE9715673058		ZSUD	F	NAME PLATE FOR DEAERATOR						
		1.000	EA	1.770			31631111235-00			01		
			SS304							11.05.2010		
FOR NAME PLATE DETAIL DRG. NO. REFER					ST.TANK ASSLY. DRG.							
3	0018	AA7122101150		ZSUD	F70	SCRU SLT CSK A P M 6X12-4.8						
		4.000	EA	0.003								
AA7122101-05		05	IS1365AP-4.8							11.05.2010		
3	0019	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000	EA	0.300								
HE91003V03			SA516/70 (VCD)							11.05.2010		
ON HYDROTEST BLANKING PLATE FOR N3												
3	0020	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)						
		2.000	EA	0.200								
HE91003V02-SA105			SA105							11.05.2010		
ON HYDROTEST BLANKING PLATE FOR N22												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
26,894.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
3	0200	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								11.05.2010		
NOZZLE ATTACHMENT DETAILS												
3	0210	D41631113237				NOZZLE ASSLY						
		1.000	ST									
		00								11.05.2010		
OVERFLOW CONN. 6"												
1	0161	31631111653-03B		HALB	F30	BOTTOM PLATE (SLIDING SUPPORT)						
		1.000	EA	292.330			31631111653-03			00		
						1.000				15.02.2011		
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	294.375								
AA10119		13			A1					01.02.2010		
1	0162	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300						
		4.000	EA	4.870								
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011		
1	0163	HY7161096227		ZSUD	F70	WASHER MCD GAL 43-ST						
		8.000	EA	0.180								
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011		
1	0164	41631113965-03SC		HALB	F30	SS PLATE						
		2.000	EA	19.670			41631113965-03			00		
						1.000				15.02.2011		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00C	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
26,894.000	HEEDEASH	15.02.2011		31631111960-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :250.000 X 2,000.000											
MM	2.000	40.000	KG	20.000							
HY10786		00			A1					01.06.2010	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00B	01	P006	270 MW DEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
28,191.000	HEEDEASH	15.02.2011		31631111960-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0002	31631111960-00B		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-II)						
		1.000	EA	26,570.000			31631111960-00			00		
						1.000				15.02.2011		
GROUP 2 & 5												
2	0002	11631111364-00B		HALB	F30	SHELL ASSLY (SEC-II)						
		1.000	EA	24,372.000			11631111364-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 5												
3	0001	11631111364-01A		HALB	F30	SHELL SEGMENT						
		5.000	EA	4,007.130			11631111364-01			00		
						1.000		x		11.05.2010		
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :2,500.000 X 11,380.000												
MM	5.000	20,099.92	KG	4,019.985								
HY10470		06			A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0002	11631111364-03B		HALB	F30	STIFFENER RING (THK. 25X DIA.3596/3196)						
		4.000	EA	419.610			11631111364-03			00		
						4.000		x		11.05.2010		
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,145.000 X 5,325.000												
MM	1.000	2,241.592	KG	2,241.592								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0003	31631111652-00		HALB	F30	FIXED SUPPORT ASSLY						
		1.000	EA	1,040.600			31631111652-00			00		
						1.000		x		11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00B	01	P006	270 MW DE	AERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
28,191.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	31631111652-01		HALB	F30	PAD						
		1.000	EA	315.900			31631111652-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS, INDENT NO. HE6F0861												
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :530.000 X 4,210.000												
MM	1.000	315.283	KG	315.930								
HY10470		06			A1					02.06.2009		
4	0002	31631111652-02		HALB	F30	VERTICAL RIB						
		1.000	EA	258.700			31631111652-02			00		
						1.000		x		02.06.2009		
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :1,220.000 X 3,190.000												
MM	1.000	611.013	KG	258.700								
AA10119		13			A1					02.06.2009		
4	0003	31631111652-03		HALB	F30	BASE PALTE						
		1.000	EA	292.600			31631111652-03			00		
						1.000		x		02.06.2009		
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	292.580								
AA10119		13			A1					02.06.2009		
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 352.000												
MM	4.000	53.052	KG	13.180								
AA10119		13			A1					02.06.2009		
RIB					MA BY QC							

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111960-00B

01

P006

270 MW DEAERATOR ST.TANK ASSLY
(SEC-II)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

28,191.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 800.000												
MM	4.000	120.576	KG	30.144								
AA10119		13			A1					14.09.2009		
RIB					MA BY QC							
3	0004	31631111700-01		HALB	F30	PAD						
		2.000	EA	166.900			31631111700-01			01		
						1.000		x		11.05.2010		
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :280.000 X 4,210.000												
MM	2.000	333.128	KG	166.560								
HY10470		06			A1					02.06.2009		
3	0005	11631111364-04B		HALB	F30	SPIDER ASSLY						
		2.000	EA	642.500			11631111364-04			00		
						1.000		x		11.05.2010		
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A						
LENGTH =1,600.000												
MM	16.000	384.000	KG	24.000								
AA10108		10			A1					11.05.2010		
					MA BY QC							
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=500.000												
MM	2.000	61.654	KG	30.827								
AA10119		13			A1					11.05.2010		
CENTRE PLATE					MA BY QC							
4	0003	11631111364-04D		HALB	F30	RING FOR SPIDER (OD 3596 ID 3196 X 25)						
		2.000	EA	419.610			11631111364-04			00		
						2.000		x		11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00B	01	P006	270 MW DE	AERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
28,191.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,145.000 X 2,805.000												
MM	1.000	1,180.782	KG	1,180.782								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
					MA BY QC							
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								11.05.2010		
WELDING DETAILS AND WPS NOS.												
2	0005	11631111365-00B		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-II)						
		1.000	EA	2,198.000			11631111365-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 7												
3	0001	11631111365-14		HALB	F30	DOWN COMMER & EQUALISER CONN. 36"						
		4.000	EA	244.990			11631111365-14			00		
						1.000		x		11.05.2010		
N29,N30, FOR NOZZLE CONFIG. REFER VAR 01					OF DRG. 11631011178							
4	0001	41631113998-04		HALB	F30	PIPE						
		4.000	EA	114.700			41631113998-04			00		
						1.000		x		11.05.2010		
200MM EXTRA FOR FIXTURE					200mm extra for fixture							
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :550.000 X 2,835.000												
MM	4.000	783.368	KG	195.842								
HY10470-SA516/70		06			A3					23.02.2010		
					MA BY QC& LLOYDS,200MM EXTRA FOR FIXTURE							
4	0002	11631111365-14A		HALB	F30	RF. PAD DIA. 930/1300						
		4.000	EA	100.930			11631111365-14			00		
						1.000		x		11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00B	01	P006	270 MW DEAERATOR ST.TANK ASSLY	(SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
28,191.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 1,320.000 X 1,320.000												
MM	4.000	984.804	KG	246.201								
HY10470		06			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)						
D=975.000												
MM	4.000	117.220	KG	29.305								
HY10498-SA516/70		01								11.05.2010		
COVER PLATE FOR TRANSPORTATION PURPOSE					MA BY QC							
3	0002	11631111365-01		HALB	F30	FEED WATER OUTLET CONN. 18"						
		1.000	EA	244.520			11631111365-01			00		
						1.000		x		11.05.2010		
N3												
4	0001	41631113998-03		HALB	F30	PIPE						
		1.000	EA	67.980			41631113998-03			00		
						1.000		x		11.05.2010		
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :390.000 X 1,400.000												
MM	1.000	68.578	KG	68.578								
HY10470-SA516/70		06			A3					06.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-01A		HALB	F30	RF. PAD DIA. 473/650						
		1.000	EA	24.310			11631111365-01			00		
						1.000		x		11.05.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 660.000 X 660.000												
MM	1.000	61.550	KG	61.550								
HY10470		06			A3					11.05.2010		
					MA BY QC & LLOYDS							

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00B	01	P006	270 MW	DEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
28,191.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	HY1041870183		ZROH	F70	PLT BQ 36 VCD (SA516 Gr70)						
D=520.000												
MM	1.000	60.016	KG	60.016								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :200.000 X 537.000												
MM	1.000	16.862	KG	16.862								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
RIB					MA BY QC							
4	0005	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=617.000												
MM	1.000	58.677	KG	58.677								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
COVER PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :200.000 X 259.000												
MM	2.000	16.266	KG	8.133								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
RIB					MA BY QC							
3	0003	41631113897-04		HALB	F30	INITIAL HEATING PIPE						
		2.000	EA	389.600			41631113897-04			00		
						1.000		x		11.05.2010		
FOR N4												
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =6,000.000												
MM	2.000	12.000	M	1.000								
AA10455		09			A2					02.06.2009		
3	0004	41631113897-03		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	30.600			41631113897-03			00		
						1.000		x		11.05.2010		
FOR N4												

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111960-00B

01

P006

270 MW DEAERATOR ST.TANK ASSLY
(SEC-II)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

28,191.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =480.000												
MM	1.000	0.480	M	1.000								
AA10455		09			A2					02.06.2009		
3	0005	41631113254-03		HALB	F30	HEATING PIPE SUPPORT						
		9.000	EA	17.900			41631113254-03			00		
						1.000		x		11.05.2010		
4	0001	41631113348-08		HALB	F30	PAD						
		18.000	EA	1.400			41631113348-08			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
SQUARE = 150.000 X 150.000												
MM	18.000	25.434	KG	1.000								
HY10470		06			A1					02.06.2009		
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =440.000												
MM	18.000	70.488	KG	3.830								
AA10108		10			A1					02.06.2009		
4	0003	41631113254-03A		HALB	F30	ANGLE						
		9.000	EA	4.700			41631113254-03			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =524.000												
MM	9.000	41.976	KG	1.000								
AA10108		10			A1					02.06.2009		

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111960-00B

01

P006

270 MW DEAERATOR ST.TANK ASSLY
(SEC-II)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

28,191.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0004	HY9603148105		ZSUD	F70	U-BOLT GALVZD 12"						
		9.000		EA	2.710							
HY9603148-04		04				A1				02.06.2009		
3	0006	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000		EA	0.300							
HE91003V03			SA516/70 (VCD)							11.05.2010		
ON HYDROTEST BLANKING PLATE FOR N3												
3	0007	11631111365-09		HALB	F30	SAMPLING CONN. 1"						
		1.000		EA	1.260			11631111365-09		00		
							1.000		x		11.05.2010	
N16, FOR NOZZLE CONFIG. REFER VAR 06 OF						DRG. 11631011178						
4	0001	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55						
		1.000		EA	0.960							
HE91001V03			HE91001V03		A3					11.05.2010		
						MA BY QC & LLOYDS						
4	0002	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000		EA	0.300							
HE91003V03			SA516/70 (VCD)		A3					11.05.2010		
3	0200	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000		ST								
		00								11.05.2010		
NOZZLE ATTACHMENT DETAILS												
1	0131	31631111652-03B		HALB	F30	BOTTOM PLATE (FIXED SUPPORT)						
		1.000		EA	292.580			31631111652-03		00		
							1.000				15.02.2011	

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111960-00B

01

P006

270 MW DEAERATOR ST.TANK ASSLY
(SEC-II)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

28,191.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :500.000 X 3,000.000										
MM	1.000	294.375	KG	294.375						
AA10119		13			A1					01.02.2010
1	0132	41631113195-00		HALB	F30	SPOOL PIECE				
		4.000	EA	88.800			41631113195-00			00
						1.000				15.02.2011
FOR N29,N30										
2	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70				
RECTANGLE :2,835.000 X 280.000										
MM	4.000	398.804	KG	1.000						
HY10470-SA516/70		06			A1					02.06.2009
					MA BY QC & LLOYDS					
1	0133	41631113065-00		HALB	F30	BACKING RING				
		8.000	EA	10.800			41631113065-00			00
						1.000				15.02.2011
FOR N29,N30										
2	0001	HY1041870078		ZROH	F70	PLT BQ 10 VCD				
RECTANGLE :2,745.000 X 50.000										
MM	8.000	86.192	KG	1.000						
HY10470		06			A1					02.06.2009
					MA BY QC					
1	0134	HY7142198621		ZSUD	F70	STUD 2 NUTS M27X120				
		8.000	EA	0.942						
HY7142198-04		04	ASTM A193B7/194 2H		A1					21.02.2011
FOR FIXING DEAERATOR HEATER										
1	0135	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300				
		8.000	EA	4.870						
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00B	01	P006	270 MW	DEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
28,191.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0136	HY7161001978		ZSUD	F70	WASHER MCD 28-ST					
		16.000	EA	0.042							
AA7161001-03		03	IS 2016 ST		A1					21.02.2011	
FOR FIXING DEAERATOR HEATER											
1	0137	HY7161096227		ZSUD	F70	WASHER MCD GAL 43-ST					
		16.000	EA	0.180							
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011	
1	0138	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
LENGTH =1,000.000											
MM	1.000	1.000	M	3.240							
AA10455		09			A1					21.02.2011	
FOR N16											
1	0139	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		1.000	EA	3.400							
AA7501468-00		00	BS:5352		A1					21.02.2011	
FOR N16											
1	0140	31631111700-00		HALB	F30	HEATER SUPPORT					
		2.000	EA	414.200			31631111700-00			01	
						1.000				15.02.2011	
2	0001	31631111700-02		HALB	F30	VERTICAL RIB					
		2.000	EA	218.400			31631111700-02			01	
						1.000		x		02.06.2009	
OLD POS NO 2/104/1											
3	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,210.000 X 3,190.000											
MM	2.000	1,212.008	KG	218.440							
AA10119		13			A1					02.06.2009	

H.Material

BOM ST

Plant

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Base Qty(EA)

T31631111960-00B

01

P006

270 MW DEAERATOR-ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

28,191.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
2	0002	31631111700-03		HALB	F30	BASE PLATE				
		2.000	EA	127.300			31631111700-03		01	
						1.000		x		02.06.2009
OLD POS NO 2/104/2										
3	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :250.000 X 2,600.000										
MM	2.000	255.126	KG	127.270						
AA10119		13			A1					02.06.2009
2	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :115.000 X 302.000										
MM	8.000	43.624	KG	5.430						
AA10119		13			A1					02.06.2009
RIB										
2	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :115.000 X 649.000										
MM	8.000	93.744	KG	11.718						
AA10119		13			A1					07.10.2009
RIB										

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks						
1	0001	31631111960-00A		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-I)					
		1.000	EA	26,967.000			31631111960-00			00	
						1.000				15.02.2011	
GROUP 1 & 4											
2	0001	11631111364-00A		HALB	F30	SHELL ASSLY (SEC-I)					
		1.000	EA	24,460.000			11631111364-00			00	
						1.000		x		15.02.2011	
GROUP 1 TO 6											
3	0001	11631111364-01A		HALB	F30	SHELL SEGMENT					
		4.000	EA	4,007.130			11631111364-01			00	
						1.000		x		11.05.2010	
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :2,500.000 X 11,380.000											
MM	4.000	16,079.94	KG	4,019.985							
HY10470		06			A3					11.05.2010	
					MA BY QC & LLOYDS						
3	0002	11631111364-01B		HALB	F30	SHELL SEGMENT					
		1.000	EA	2,896.720			11631111364-02			00	
						1.000		x		11.05.2010	
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :1,810.000 X 11,380.000											
MM	1.000	2,910.469	KG	2,910.469							
HY10470		06			A3					11.05.2010	
					MA BY QC & LLOYDS						
3	0003	11631111364-02		HALB	F30	DISHED END ID 3600X 18MM MIN. THK. SF=75					
		1.000	EA	2,606.000			11631111364-02			00	
						1.000		x		11.05.2010	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9711834430		ZSUD	F	2:1 ELLIP.DISHED END ID3600/18(MIN)SF-75						
		1.000	EA	2,606.000			41631000461V00					
HE51370V00			SA516/70 (VCD)		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0004	11631111364-03A		HALB	F30	STIFFENER RING (THK. 25X DIA.3596/3196)						
		3.000	EA	419.610			11631111364-03			00		
						3.000		x		11.05.2010		
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,145.000 X 4,065.000												
MM	1.000	1,711.187	KG	1,711.187								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0005	31631111653-00		HALB	F30	SLIDING SUPPORT ASSLY						
		1.000	EA	1,028.100			31631111653-00			00		
						1.000		x		11.05.2010		
4	0001	31631111653-01		HALB	F30	PAD						
		1.000	EA	315.900			31631111653-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS, INDENT NO. HE6F0861												
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :530.000 X 4,210.000												
MM	1.000	315.283	KG	315.930								
HY10470		06			A1					02.06.2009		
4	0002	31631111653-02		HALB	F30	VERTICAL RIB						
		1.000	EA	251.500			31631111653-02			00		
						1.000		x		02.06.2009		

H.Material	BOM ST	Plant	Header Desc			Base Qty(EA)
T31631111960-00A	01	P006	600	MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on		Drq no	Drq Rev
27,442.000	HEEDEASH	15.02.2011			31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,200.000 X 3,190.000											
MM	1.000	600.996	KG	251.500							
AA10119		13			A1					02.06.2009	
4	0003	31631111653-03		HALB	F30	BASE PLATE					
		1.000	EA	292.300			31631111653-03			00	
						1.000		x		02.06.2009	
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :500.000 X 3,000.000											
MM	1.000	294.375	KG	292.330							
AA10119		13			A1					02.06.2009	
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :240.000 X 335.000											
MM	4.000	50.492	KG	12.580							
AA10119		13			A1					02.06.2009	
RIB					MA BY QC						
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :240.000 X 783.000											
MM	4.000	118.012	KG	29.503							
AA10119		13			A1					11.09.2009	
RIB					MA BY QC						
3	0006	11631111364-04A		HALB	F30	SPIDER ASSLY					
		1.000	EA	642.500			11631111364-04			00	
						1.000		x		11.05.2010	
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A					
LENGTH =1,600.000											
MM	8.000	192.000	KG	24.000							
AA10108		10			A1					11.05.2010	

H.Material

BOM ST

Plant

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Base Qty(EA)

T3163111960-00A

01

P006

600 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

27,442.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
D=500.000										
MM	1.000	30.827	KG	30.827						
AA10119		13			A1					11.05.2010
CENTRE PLATE					MA BY QC					
4	0003	11631111364-04C		HALB	F30	RING FOR SPIDER (OD 3596 ID 3196 X 25)				
		1.000	EA	419.610			11631111364-04		00	
						1.000		x		11.05.2010
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)				
RECTANGLE :2,145.000 X 1,545.000										
MM	1.000	650.377	KG	650.377						
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010
					MA BY QC					
3	0100	D21631000014				WELDING DETAILS AND WPS NOS.				
		1.000	ST							
		02								11.05.2010
WELDING DETAILS AND WPS NOS.										
2	0004	11631111365-00A		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-I)				
		1.000	EA	2,507.000			11631111365-00		00	
						1.000		x		15.02.2011
GROUP 1 TO 19										
3	0001	31631111588-07GA		HALB	F30	MANHOLE ASSLY.				
		1.000	EA	506.520			31631111588-07		00	
						1.000		x		11.05.2010
N7A, REFER VAR 03 OF DRG. 11631111365										
4	0001	41631113998-01		HALB	F30	PIPE				
		1.000	EA	72.100			41631113998-01		00	
						1.000		x		24.02.2010

H.Material

BOM ST

Plant

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Base Qty(EA)

T31631111960-00A

01

P006

600 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

27,442.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description				
RM Size									
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks				
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70			
RECTANGLE :470.000 X 1,560.000									
MM	1.000	92.090		KG	92.090				
HY10470-SA516/70		06			A3				23.02.2010
					MA BY QC & LLOYDS				
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF			
		1.000		EA	135.000				
AA7246106		02	ANSI B 16.5						24.02.2010
MA BY QC & LLOYDS					MA BY QC &LLOYDS				
4	0003	HY7240363155		ZSUD	F	NAB M.S.W. GASKET SIZE 20" #300 PTFE			
		1.000		EA	0.480				
HY7240363		00	PTFE		A1				24.02.2010
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST			
		24.000		EA	2.441				
HY7142299-04		04	ASTM A193B7/194 2H		A1				24.02.2010
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300			
		1.000		EA	150.000				
HY7246772		02	A105		A2				24.02.2010
MA BY QC & LLOYDS					MA BY QC &LLOYDS				
4	0006	31631111588-07A		HALB	F30	HANDLE			
		2.000		EA	0.800		31631111588-07		00
						1.000		x	24.02.2010
5	0001	HY1010299107		ZROH	F70	RND CS 20			
LENGTH =340.000									
MM	2.000	1.672		KG	1.000				
HY10199		03							02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00A	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
27,442.000	HEEDEASH	15.02.2011		31631111960-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07			00		
						1.000		x		24.02.2010		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ) IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07			00		
						1.000		x		24.02.2010		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		24.02.2010		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							24.02.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							24.02.2010		
3	0002	11631111365-03A		HALB	F30	SPHERICAL DISH DIA.524/850X18						
		1.000	EA	69.640			11631111365-03			00		
						1.000		x		11.05.2010		
FOR N7A												
4	0001	HE9711834448		ZSUD	F	SP.DISH OD850/18(MIN) TO MATCH OD-3636						
		1.000	EA	110.800			41631000461V00					
			SA516/70 (VCD)		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0003	11631111365-01		HALB	F30	FEED WATER OUTLET CONN. 18"						
		1.000	EA	244.520			11631111365-01			00		
						1.000		x		11.05.2010		
N3												
4	0001	41631113998-03		HALB	F30	PIPE						
		1.000	EA	67.980			41631113998-03			00		
						1.000		x		11.05.2010		
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :390.000 X 1,400.000												
MM	1.000	68.578	KG	68.578								
HY10470-SA516/70		06			A3					06.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-01A		HALB	F30	RF. PAD DIA. 473/650						
		1.000	EA	24.310			11631111365-01			00		
						1.000		x		11.05.2010		

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 660.000 X 660.000												
MM	1.000	61.550	KG	61.550								
HY10470		06			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041870183		ZROH	F70	PLT BQ 36 VCD (SA516 Gr70)						
D=520.000												
MM	1.000	60.016	KG	60.016								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :200.000 X 537.000												
MM	1.000	16.862	KG	16.862								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
RIB					MA BY QC							
4	0005	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=617.000												
MM	1.000	58.677	KG	58.677								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
COVER PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :200.000 X 259.000												
MM	2.000	16.266	KG	8.133								
HY10470-SA516GR70		06	SA516GR70		A1					11.05.2010		
RIB					MA BY QC							
3	0004	11631111365-02		HALB	F30	INITIAL HEATING STEAM CONN. 12"						
		1.000	EA	202.450			11631111365-02			00		
						1.000		x		11.05.2010		
N4, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011178							
4	0001	AA1049355784		ZROH	F70	PIPE(SMLS) 323.9X17.48 CS SA106 GR B						
LENGTH =1,220.000												
MM	1.000	1.220	M	161.150								
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks					
4	0002	11631111365-02A		HALB	F30	SPHERICAL DISH DIA.340/500X 18 THK.				
		1.000	EA	20.890			11631111365-02		00	
						1.000		x		11.05.2010
5	0001									
		1.000	ST							
										11.05.2010
SPH.DISH DIA.340/500X18 THK. , MAT.					COVD IN 11631111365-03A,MA BY QC & LLOYD					
4	0003	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)				
D=375.000										
MM	1.000	21.675	KG	21.675						
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010
BLANKING PLATE					MA BY QC & LLOYDS					
3	0005	11631111365-04		HALB	F30	SRV NOZZLE ASSY. 8"				
		4.000	EA	98.730			11631111365-04		00	
						1.000		x		11.05.2010
N9C-F, FOR NOZZLE CONFIG. REFER VAR 08					OF DRG. 11631011178					
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B				
LENGTH =265.000										
MM	4.000	1.060	M	17.130						
AA10455		09			A3					11.05.2010
					MA BY QC & LLOYDS					
4	0002	11631111365-04A		HALB	F30	RF. PAD DIA. 235/400				
		4.000	EA	12.820			11631111365-04		00	
						1.000		x		11.05.2010
5	0001									
		4.000	ST							
										11.05.2010
RF. PAD DIA. 235/400, COVERED IN					11631111365-14.MA BY QC & LLOYDS.					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00A	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
27,442.000	HEEDEASH	15.02.2011		31631111960-00
				Drg Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	AA7246106138		ZSUD	F70	FLANGE SOW CS 8" CL 300 RAISED FACE						
		4.000	EA	25.500								
AA7246106-02		02	ANSI B 16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0004	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH						
		4.000	EA	0.200								
HY7240365		00	GRAPHITE		A1					11.05.2010		
4	0005	HY7246772138		ZSUD	F70	FLANGE BLIND CS 8" CL 300 RAISED FACE						
		4.000	EA	16.000								
HY7246772-02		02	ANSI:B16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0006	HY7142198389		ZSUD	F70	STUD 2 NUTS M22X170						
		48.000	EA	0.758								
HY7142198-04		04	ASTM A193B7/194 2H		A1					11.05.2010		
3	0006	11631111365-13		HALB	F30	INITIAL FILLING CONN. 4"						
		1.000	EA	38.790			11631111365-13		00			
						1.000		x		11.05.2010		
N23, FOR NOZZLE CONFIG. REFER VAR 03 OF					DRG. 11631011178							
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =260.000												
MM	1.000	0.260	M	7.363								
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-13A		HALB	F30	RF. PAD DIA. 130/250						
		1.000	EA	5.560			11631111365-13		00			
						1.000		x		11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111960-00A	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001											
		1.000	ST									
										11.05.2010		
RF. PAD DIA. 130/250, COVERED IN					11631111365-12,MA BY QC & LLOYDS							
4	0003	AA7246106103	ZSUD	F70	FLANGE SOW CS 4" CL 300 RAISED FACE							
		1.000	EA	10.000								
AA7246106-02		02	ANSI B 16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0004	HY7142198176	ZSUD	F70	STUD 2 NUTS M20X110							
		8.000	EA	0.464								
ASTM A193B7/194 2H			HY7142198-04		A1					11.05.2010		
4	0005	HY7240363074	ZSUD	F	NAB M.S.W. GASKET SIZE 4" #300 PTFE							
		1.000	EA	0.080								
HY7240363		00	PTFE		A1					11.05.2010		
4	0006	HY7246772103	ZSUD	F70	FLANGE BLIND CS 4" CL 300 RAISED FACE							
		1.000	EA	10.000								
HY7246772-02		02	ANSI:B16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
3	0007	11631111365-06	HALB	F30	DRAIN CONN. 4"							
		1.000	EA	14.850			11631111365-06		00			
						1.000		x		11.05.2010		
N13, FOR NOZZLE CONFIG. REFER VAR 02 OF					DRG. 11631011178							
4	0001	AA1049355431	ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B							
LENGTH =265.000												
MM	1.000	0.265	M	7.505								
AA10455		09		A3						11.05.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0002	11631111365-06A		HALB	F30	RF. PAD DIA. 130/250				
		1.000	EA	5.560			11631111365-06		00	
						1.000		x		11.05.2010
5	0001									
		1.000	ST							
										11.05.2010
RF. PAD DIA. 130/250, COVERED IN					11631111365-12,MA BY QC & LLOYDS					
4	0003	HY1041870086		ZROH	F70	PLT BQ 12 VCD (SA516 Gr 70)				
D=175.000										
MM	1.000	2.266	KG	2.266						
HY10470-SA516/70		06	SA516GR70		A3					11.05.2010
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS					
3	0008	11631111365-11		HALB	F30	PRESSURE GAUGE CONN. 1/2"				
		1.000	EA	0.350			11631111365-11		00	
						1.000		x		11.05.2010
N19, FOR NOZZLE CONFIG. REFER VAR 06 OF					DRG. 11631011178					
4	0001	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45				
		1.000	EA	0.230						
HE91001V01			HE91001V01		A3					11.05.2010
					MA BY QC & LLOYDS					
4	0002	HE9791003017		ZSUD	F	3/8" BAR PLUG CS				
		1.000	EA	0.120						
HE91003V01			SA516/70 (VCD)		A3					11.05.2010
3	0009	41631113897-06		HALB	F30	INITIAL HEATING PIPE				
		1.000	EA	389.900			41631113897-06		00	
						1.000		x		11.05.2010
FOR N4										

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111960-00A

01

P006

600 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

27,442.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =6,000.000												
MM	1.000	6.000	M	1.000								
AA10455		09			A2					02.06.2009		
3	0010	41631113897-05		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	375.600			41631113897-05			00		
						1.000		x		11.05.2010		
FOR N4												
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =5,780.000												
MM	1.000	5.780	M	1.000								
AA10455		09			A2					02.06.2009		
3	0011	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
D=50.000												
MM	4.000	0.616	KG	0.154								
HY10470		06			A1					11.05.2010		
PAD FOR MANHOLE HOOK, MATCH TO DISHED					MA BY QC & LLOYDS,END PROFILE							
3	0012	41631112231-00		HALB	F30	HOOK						
		2.000	EA	2.670			41631112231-00			00		
						1.000		x		11.05.2010		
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ) IS1570GR40C8						
LENGTH =1,200.000												
MM	2.000	5.904	KG	1.000								
AA10208		07								02.06.2009		
3	0013	41631113254-03		HALB	F30	HEATING PIPE SUPPORT						
		8.000	EA	17.900			41631113254-03			00		
						1.000		x		11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00A	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
27,442.000	HEEDEASH	15.02.2011		31631111960-00
				Drq Rev 00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	41631113348-08		HALB	F30	PAD						
		16.000	EA	1.400			41631113348-08			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
SQUARE = 150.000 X 150.000												
MM	16.000	22.608	KG	1.000								
HY10470		06			A1					02.06.2009		
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =440.000												
MM	16.000	62.656	KG	3.830								
AA10108		10			A1					02.06.2009		
4	0003	41631113254-03A		HALB	F30	ANGLE						
		8.000	EA	4.700			41631113254-03			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =524.000												
MM	8.000	37.312	KG	1.000								
AA10108		10			A1					02.06.2009		
4	0004	HY9603148105		ZSUD	F70	U-BOLT GALVZD 12"						
		8.000	EA	2.710								
HY9603148-04		04			A1					02.06.2009		
3	0014	11631111365-05		HALB	F30	VENTILATOR CONN. 6"						
		1.000	EA	61.650			11631111365-05			00		
						1.000		x		11.05.2010		
N11, FOR NOZZLE CONFIG. REFER VAR 04 OF					DRG. 11631011178							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =265.000												
MM	1.000	0.265	M	11.278								
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0002	11631111365-05A		HALB	F30	RF. PAD DIA. 184/300						
		1.000	EA	6.870			11631111365-05			00		
						1.000		x		11.05.2010		
5	0001											
		1.000	ST									
										11.05.2010		
RF. PAD DIA. 184/300, COVERED IN					11631111365-01,MA BY QC & LLOYDS							
4	0003	AA7246106120		ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE						
		1.000	EA	16.500								
AA7246106-02		02	ANSI B 16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0004	HY7142198192		ZSUD	F70	STUD 2 NUTS M20X130						
		12.000	EA	0.513								
HY7142198-04		04	ASTM A193B7/194 2H		A1					11.05.2010		
4	0005	HY7246772120		ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE						
		1.000	EA	12.000								
HY7246772-02		02	ANSI:B16.5		A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0006	HY7240363082		ZSUD	F	NON ASBESTOS M.S.W. GASKET SIZE 6" CLAS						
		1.000	EA	0.150								
HY7240363		00	PTFE		A1					11.05.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
3	0015	11631111365-12		HALB	F30	BFP RECIRCULATION CONN. 8"						
		1.000	EA	65.570			11631111365-12			00		
						1.000		x		11.05.2010		
N22, FOR NOZZLE CONFIG. REFER VAR 10 OF						DRG. 11631011178						
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B						
LENGTH =420.000												
MM	1.000	0.420	M	27.149								
AA10455		09			A3					11.05.2010		
						MA BY QC & LLOYDS						
4	0002	11631111365-12A		HALB	F30	RF. PAD DIA. 235/400						
		1.000	EA	12.820			11631111365-12			00		
						1.000		x		11.05.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 410.000 X 410.000												
MM	1.000	23.753	KG	23.753								
HY10470		06			A3					11.05.2010		
						MA BY QC & LLOYDS						
4	0003	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
D=275.000												
MM	1.000	9.325	KG	9.325								
HY10470-SA516GR70		06	SA516GR70		A3					11.05.2010		
BLANKING PLATE, DRILL 1/2" NPT HOLE						MA BY QC & LLOYDS						
4	0004	41631612812-00		HALB	F30	8" SS PIPE						
		1.000	EA	11.730			41631612812-00			00		
						1.000		x		11.05.2010		
						MA BY QC						
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321						
LENGTH =350.000												
MM	1.000	0.350	M	1.000								
AA10755		07			A1					02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc		Base Qty(EA)
T31631111960-00A	01	P006	600 MW	DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
27,442.000	HEEDEASH	15.02.2011		31631111960-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
D=275.000												
MM	1.000	5.702	KG	5.702								
HY10786		00			A1					11.05.2010		
END PLATE					MA BY QC							
3	0016	11631111365-10		HALB	F30	TG & RTD CONN , PG TEST TG CONN. M33X2						
		4.000	EA	0.680			11631111365-10			00		
						1.000		x		11.05.2010		
FOR N17,N18B,N27												
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCR W M33X2-F L=45 40						
		4.000	EA	0.400								
AA7326101-01		01			A3					11.05.2010		
					MA BY QC & LLOYDS							
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2						
		4.000	EA	0.280								
HY9601207-01-03		03			A3					11.05.2010		
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2						
		4.000	EA	0.001								
HY7161094-00-00-01		01	CSN029310		A1					11.05.2010		
3	0017	11631111365-08		HALB	F30	STANDPIPE CONN. 2"						
		2.000	EA	3.710			11631111365-08			00		
						1.000		x		11.05.2010		
N15, FOR NOZZLE CONFIG. REFER VAR 17 OF					DRG. 11631011178							
4	0001	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B						
LENGTH =280.000												
MM	2.000	0.560	M	3.111								
AA10455		09			A3					11.05.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00A	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
27,442.000	HEEDEASH	15.02.2011		31631111960-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0003	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
D=125.000												
MM	2.000	1.542	KG	0.771								
HY10470		06			A3					11.05.2010		
BLANKING PLATE						MA BY QC & LLOYDS						
3	0018	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		2.000	EA	0.300								
HE91003V03			SA516/70 (VCD)							11.05.2010		
ON HYDROTEST BLANKING PLATE FOR N3,N13												
3	0019	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)						
		1.000	EA	0.200								
HE91003V02-SA105			SA105							11.05.2010		
ON HYDROTEST BLANKING PLATE FOR N22												
3	0200	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								11.05.2010		
NOZZLE ATTACHMENT DETAILS												
1	0102	AA7246101144		ZSUD	F70	FLANGE SOW CS 10" CL 150 RAISED FACE						
		4.000	EA	17.000								
AA7246101-01-01		01	ANSI B16.5		A1					21.02.2011		
FOR N9C-N9F												
1	0103	HY7240364062		ZSUD	F	NAB M.S.W. GASKET SIZE 10" #150 GRPH						
		2.000	EA	0.300								
HY7240364		00	GRAPHITE		A1					21.02.2011		
FOR N9C-N9F												
1	0104	HY7142198362		ZSUD	F70	STUD 2 NUTS M22X150						
		48.000	EA	0.698								
HY7142198-04		04	ASTM:A193B7/1942H		A1					21.02.2011		
FOR N9C-N9F												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111960-00A	01	P006	600 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
27,442.000	HEEDEASH	15.02.2011		31631111960-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0105	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH					
		4.000	EA	0.200							
HY7240365		00	GRAPHITE		A1					21.02.2011	
FOR N9C-N9F											
1	0106	AA7246106103		ZSUD	F70	FLANGE SOW CS 4" CL 300 RAISED FACE					
		1.000	EA	10.000							
AA7246106-02		02	ANSI B 16.5		A1					21.02.2011	
FOR N23											
1	0107	HY7240363074		ZSUD	F	NAB M.S.W. GASKET SIZE 4" #300 PTFE					
		1.000	EA	0.080							
HY7240363		00	PTFE		A1					21.02.2011	
1	0108	31631111653-03B		HALB	F30	BOTTOM PLATE (SLIDING SUPPORT)					
		1.000	EA	292.330			31631111653-03			00	
						1.000				15.02.2011	
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTy-B					
RECTANGLE :500.000 X 3,000.000											
MM	1.000	294.375	KG	294.375							
AA10119		13			A1					01.02.2010	
1	0109	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300					
		4.000	EA	4.870							
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011	
1	0110	HY7161096227		ZSUD	F70	WASHER MCD GAL 43-ST					
		8.000	EA	0.180							
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011	

H.Material

BOM ST

Plant

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Base Qty(EA)

T31631111960-00A

01

P006

600 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

27,442.000

HEEDEASH

15.02.2011

31631111960-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU		Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0111	41631113965-03SC		HALB	F30	SS PLATE						
		2.000		EA	19.670			41631113965-03			00	
							1.000				15.02.2011	
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :250.000 X 2,000.000												
MM	2.000	40.000		KG	20.000							
HY10786		00				A1					01.06.2010	
1	0113	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B						
LENGTH =1,000.000												
MM	1.000	1.000		M	1.600							
AA10455		09				A1					21.02.2011	
FOR N19												
1	0114	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS						
		1.000		EA	1.600							
AA7501468-00		00	BS:5352			A1					21.02.2011	
FOR N19												

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEARATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0001	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A					
LENGTH =6,000.000											
MM	10.000	1,524.000	KG	152.400							
AA10108		10			A1					22.02.2011	
BEAM FOR COLUMN											
1	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :500.000 X 600.000											
MM	10.000	471.000	KG	47.100							
AA10119		13			A1					22.02.2011	
BASE PLATE (FOR COLUMN)											
1	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :200.000 X 300.000											
MM	10.000	94.200	KG	9.420							
AA10119		13			A1					22.02.2011	
TOP PLATE (FOR PLATFORM)											
1	0004	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =2,530.000											
MM	4.000	132.572	KG	33.143							
AA10108		10								22.02.2011	
MID LANDING COLUMN											
1	0005	41633511672-01		HALB	E	BASE PLATE FOR LANDING					
		4.000	EA	6.170			41633511672-01			00	
						1.000				22.02.2011	
2	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
SQUARE = 200.000 X 200.000											
MM	4.000	25.120	KG	6.280							
AA10119		13			A1					26.07.2010	
					MA BY QC						
1	0006	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :125.000 X 185.000											
MM	4.000	14.524	KG	3.631							
AA10119		13			A1					22.02.2011	
TOP PLATE (FOR LANDING)											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0007	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A				
LENGTH =30,500.000										
MM	1.000	774.700	KG	774.700						
AA10108		10			A1					22.02.2011
BEAM LENGTHWISE FOR PLATFORM										
1	0008	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A				
LENGTH =4,550.000										
MM	1.000	115.570	KG	115.570						
AA10108		10			A1					22.02.2011
BEAM WIDTHWISE FOR PLATFORM										
1	0009	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A				
LENGTH =4,525.000										
MM	9.000	684.180	KG	76.020						
AA10108		10			A1					22.02.2011
STIFFENER WIDTHWISE FOR PLATFORM										
1	0010	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A				
LENGTH =39,000.000										
MM	1.000	510.900	KG	510.900						
AA10108		10								22.02.2011
STIFFENER LENGTHWISE FOR PLATFORM, CUT					20 PCS. OF L=1875					
1	0011	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A				
LENGTH =9,800.000										
MM	1.000	90.160	KG	90.160						
AA10108		10			A1					22.02.2011
STIFFENER WIDTHWISE FOR PLATFORM, CUT 14					PCS. OF L=650					
1	0012	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A				
LENGTH =26,500.000										
MM	1.000	347.150	KG	347.150						
AA10108		10								22.02.2011
STIFFENER LENGTHWISE FOR PLATFORM, MAKE					2 PCS. OF L=12840					
1	0013	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A				
LENGTH =32,500.000										
MM	1.000	289.250	KG	289.250						
AA10108		10			A1					22.02.2011
ANGLE FOR BRACING, CUT 24 PCS. OF L=1275										

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0014	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =155,000.000											
MM	1.000	697.500	KG	697.500							
AA10108		10			A1					22.02.2011	
ANGLE FOR RAILING, CUT 134 PCS. OF					L=1100						
1	0015	AA1011052318		ZROH	F70	TUBE CS 42.9 X 3.25 ERW/SAW NB32					
LENGTH =125,000.000											
MM	1.000	125.000	M	397.500							
AA10152		06								22.02.2011	
MS TUBE FOR MID RAILING NB 32(M)											
1	0016	AA1011052326		ZROH	F70	TUBE CS 48.8 X 3.25 ERW/SAW NB40					
LENGTH =125,000.000											
MM	1.000	125.000	M	456.250							
AA10152		06								22.02.2011	
MS TUBE FOR TOP RAILING NB 40(M)											
1	0017	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =3,900.000											
MM	2.000	173.940	KG	86.970							
AA10108		10			A1					22.02.2011	
CHANNEL FOR BOTTOM STAIRCASE											
1	0018	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =4,950.000											
MM	2.000	220.770	KG	110.385							
AA10108		10			A1					22.02.2011	
CHANNEL FOR TOP STAIRCASE											
1	0019	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =900.000											
MM	2.000	40.140	KG	20.070							
AA10108		10			A1					22.02.2011	
CHANNEL FOR MIDLANDING											
1	0020	41633511672-02		HALB	E	BASE PLATE FOR STAIRCASE					
		1.000	EA	66.740			41633511672-02			00	
						1.000				22.02.2011	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEAEATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :250.000 X 1,700.000											
MM	1.000	66.725	KG	66.725							
AA10119		13			A1					26.07.2010	
					MA BY QC						
1	0021	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502					
RECTANGLE :1,250.000 X 5,000.000											
MM	2.000	861.250	KG	430.625							
AA10183		05			A1					22.02.2011	
CHEQUERED PLATE FOR STEPS, CUT 31 PCS.OF					DIM. 1180X275						
1	0022	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =17,500.000											
MM	1.000	78.750	KG	78.750							
AA10108		10			A1					22.02.2011	
ANGLE FOR STEP SUPPORT, CUT 62 PCS. OF					L=250						
1	0023	HY7142198265		ZSUD	F70	STUD 2 NUTS M20X200					
		10.000	EA	0.686							
HY7142198-04		04	ASTM:A193B7/1942H		A1					22.02.2011	
1	0024	HY7161096146		ZSUD	F70	WASHER MCD GAL 21					
		20.000	EA	0.016							
HY7161096-00-00-01		01	IS2016 GAL ST							22.02.2011	
1	0025	HE9751387019		ZSUD	F	BAR GRATING WIDTH=755, LENGTH=2500					
		51.000	EA	90.000							
HE51387V01			CS							22.02.2011	
(FOR MAIN PLATFORM FLOOR)											
1	0026	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502					
RECTANGLE :1,250.000 X 2,500.000											
MM	1.000	215.313	KG	215.313							
AA10183		05			A1					22.02.2011	
CHEQUERED PLATE FOR LANDING											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEARATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0027	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A					
LENGTH =4,525.000											
MM	2.000	135.750	KG	67.875							
AA10108		10			A1					22.02.2011	
STIFFENER WIDTHWISE FOR PLATFORM											
1	0028	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =11,500.000											
MM	1.000	150.650	KG	150.650							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT					10 PCS. OF L=1080						
1	0029	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =6,000.000											
MM	1.000	78.600	KG	78.600							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT 5					PCS. OF L=1100						
1	0030	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =20,000.000											
MM	1.000	262.000	KG	262.000							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT					10 PCS. OF L=1805						
1	0031	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =15,500.000											
MM	1.000	203.050	KG	203.050							
AA10108		10								22.02.2011	
STIFFENER LENGTHWISE FOR PLATFORM, CUT					10 PCS. OF L=1390						
1	0032	AA1012708101		ZROH	F70	CHANNEL 200X75 IS2062 GRE250 QLTY-A					
LENGTH =2,450.000											
MM	2.000	109.270	KG	54.635							
AA10108		10			A1					22.02.2011	
CHANNEL WIDTHWISE (ON MID LANDING)											
1	0033	AA1012708063		ZROH	F70	CHANNEL 150X75 IS2062 GRE250 QLTY-A					
LENGTH =900.000											
MM	1.000	15.120	KG	15.120							
AA10108		10			A1					22.02.2011	
STIFFENER WIDTHWISE (ON MID LANDING)											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0034	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A					
LENGTH =4,550.000											
MM	1.000	115.570	KG	115.570							
AA10108		10			A1					22.02.2011	
BEAM WIDTHWISE FOR PLATFORM											
1	0035	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =750.000											
MM	2.000	19.650	KG	9.825							
AA10108		10								22.02.2011	
COLUMN FOR SUPPORT FOR LOCAL PLATFORM											
1	0036	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A					
LENGTH =1,275.000											
MM	4.000	46.920	KG	11.730							
AA10108		10			A1					22.02.2011	
CHANNEL LENGTHWISE FOR LOCAL PLATFORM											
1	0037	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A					
LENGTH =2,050.000											
MM	2.000	37.720	KG	18.860							
AA10108		10			A1					22.02.2011	
CHANNEL WIDTHWISE FOR LOCAL PLATFORM											
1	0038	AA1014883040		ZROH	F70	PLATE 8 CS CHEQUERED IS3502					
RECTANGLE :1,250.000 X 5,000.000											
MM	1.000	430.625	KG	430.625							
AA10183		05			A1					22.02.2011	
CHEQ. PL.(LOCAL PLAT.), DIM. 1220X2000-1					,1220X700-1(CUT HALF),600X2000-1						
1	0039	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =1,450.000											
MM	2.000	25.810	KG	12.905							
AA10108		10			A1					22.02.2011	
ANGLE FOR BRACING (LOCAL PLATFORM)											
1	0040	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =930.000											
MM	2.000	16.554	KG	8.277							
AA10108		10			A1					22.02.2011	
ANGLE FOR BRACING (LOCAL PLATFORM)											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T21633511516-00	01	P006	500MW DEAERATOR PLATFORM ASSLY.	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
15,372.000	HEEDEASH	22.02.2011		21633511516-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description					
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0041	AA1012808092		ZROH	F70	BEAM 200X100 IS2062 GRE250 QLTY-A				
LENGTH =32,500.000										
MM	1.000	825.500	KG	825.500						
AA10108		10			A1					22.02.2011
BEAM LENGTHWISE FOR PLATFORM										
1	0042	AA1011052326		ZROH	F70	TUBE CS 48.8 X 3.25 ERW/SAW NB40				
LENGTH =1,830.000										
MM	2.000	3.660	M	6.680						
AA10152		06								22.02.2011
APPROACH LADDED TO LOCAL PLATFORM NB					40(M)					
1	0043	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ) IS1570GR40C8				
LENGTH =3,300.000										
MM	1.000	8.118	KG	8.118						
AA10208		07								22.02.2011
ROD FOR STEPS (FOR LOCAL LANDING), CUT 4					PCS. OF L=700					
1	0100	D41633511672				BASE PLATE FOR DEAERATOR PLATFORM				
		1.000	ST							
		00								22.02.2011
1	0101	D21633511516				DEAERATOR PLATFORM ASSLY. (PROD)				
		1.000	ST							
		00								22.02.2011

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
537.000	HEEDEASH	22.02.2011		41631911703-00
				Drg Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0001	21631911570-01		HALB	F30	DEAERATOR STANDPIPE ASSLY-I						
		1.000	EA	138.000			21631911570-01			00		
						1.000				22.02.2011		
GROUP 1 TO 7												
2	0001	21631911570-01A		HALB	F30	PIPE FOR STANDPIPE-I						
		1.000	EA	103.000			21631911570-01			00		
						1.000		x		03.01.2011		
3	0001	AA1049355512		ZROH	F70	PIPE(SMLS)168.3X 7.11 CS SA106 GR B						
LENGTH =3,710.000												
MM	1.000	3.710	M	104.845								
AA10455-SA106 GRB		09			A1					03.01.2011		
					MA BY QC							
2	0002	21631911570-01B		HALB	F30	END COVER						
		2.000	EA	4.990			21631911570-01			00		
						1.000		x		03.01.2011		
3	0001	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)						
D=170.000												
MM	2.000	11.404	KG	5.702								
HY10470-SA516GR70		06	SA516GR70		A1					03.01.2011		
					MA BY QC							
2	0003	HE9791003017		ZSUD	F	3/8" BAR PLUG CS						
		2.000	EA	0.120								
HE91003V01			SA516/70 (VCD)		A1					03.01.2011		
2	0004	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75						
		2.000	EA	3.500								
HE91001V06			HE91001V06		A1					03.01.2011		
					MA BY QC							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
537.000	HEEDEASH	22.02.2011		41631911703-00
				Drg Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no		Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
2	0005	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS				
		2.000	EA	1.200						
HE91003V00			SA105		A1					03.01.2011
2	0006	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55				
		12.000	EA	0.960						
HE91001V03			HE91001V03		A1					03.01.2011
FOR LS,LG,LT					MA BY QC					
2	0007	HE9791003033		ZSUD	F	3/4" BAR PLUG CS				
		12.000	EA	0.300						
HE91003V03			SA516/70 (VCD)		A1					03.01.2011
FOR LS,LG,LT										
2	0100	D21631000014				WELDING DETAILS AND WPS NOS.				
		1.000	ST							
		02								03.01.2011
WELDING DETAILS AND WPS NOS.										
1	0002	21631911570-02		HALB	F30	DEAERATOR STANDPIPE ASSLY-II				
		1.000	EA	133.000			21631911570-02		00	
						1.000				22.02.2011
GROUP 1 TO 7										
2	0001	21631911570-02A		HALB	F30	PIPE FOR STANDPIPE-II				
		1.000	EA	103.360			21631911570-02		00	
						1.000		x		03.01.2011
3	0001	AA1049355512		ZROH	F70	PIPE(SMLS)168.3X 7.11 CS SA106 GR B				
LENGTH =3,710.000										
MM	1.000	3.710	M	104.845						
AA10455-SA106 GRB		09			A1					03.01.2011
					MA BY QC					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
2	0002	21631911570-01B		HALB	F30	END COVER					
		2.000	EA	4.990			21631911570-01		00		
						1.000		x		03.01.2011	
3	0001	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=170.000											
MM	2.000	11.404	KG	5.702							
HY10470-SA516GR70		06	SA516GR70		A1					03.01.2011	
					MA BY QC						
2	0003	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		2.000	EA	0.120							
HE91003V01			SA516/70 (VCD)		A1					03.01.2011	
2	0004	HE9691001063		ZSUD	F	SW COUPLING ANSI 6000# CS 2"X75					
		2.000	EA	3.500							
HE91001V06			HE91001V06		A1					03.01.2011	
					MA BY QC						
2	0005	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS					
		2.000	EA	1.200							
HE91003V00			SA105		A1					03.01.2011	
2	0006	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55					
		8.000	EA	0.960							
HE91001V03			HE91001V03		A1					03.01.2011	
FOR LS,LG,LT					MA BY QC						
2	0007	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		8.000	EA	0.300							
HE91003V03			SA516/70 (VCD)		A1					03.01.2011	
FOR LS,LG,LT											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
537.000	HEEDEASH	22.02.2011		41631911703-00
				Drg Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
2	0100	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								03.01.2011		
WELDING DETAILS AND WPS NOS.												
1	0031	AA7501468893		ZSUD	F70	GLOBE VALVE CS 1/2" CL800 SCREWD NPT END						
		2.000	EA	1.600								
AA7501468-00		00	BS:5352		A1					22.02.2011		
					MA BY QC							
1	0032	AA7501468630		ZSUD	F70	GLOBE VALVE CS 2" CL 800 SW ENDS						
		2.000	EA	11.100								
AA7501468-00		00	BS:5352		A1					22.02.2011		
					MA BY QC							
1	0033	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS						
		12.000	EA	3.400								
AA7501468-00		00	BS:5352		A1					22.02.2011		
FOR LS,LG,LT					MA BY QC							
1	0034	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B						
LENGTH =11,000.000												
MM	1.000	11.000	M	35.640								
AA10455		09			A1					22.02.2011		
FOR LS,LG,LT, CUT AT SITE, ADJUST												
1	0035	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B						
LENGTH =2,000.000												
MM	1.000	2.000	M	3.200								
AA10455		09			A1					22.02.2011		
CUT AT SITE, ADJUST					MA BY QC							
1	0036	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B						
LENGTH =2,000.000												
MM	1.000	2.000	M	22.220								
AA10455		09			A1					22.02.2011		
CUT AT SITE, ADJUST					MA BY QC							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T41631911703-00	01	P006	500/600 MW DEAERATOR STANDPIPE ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
537.000	HEEDEASH	22.02.2011		41631911703-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0037	AA7242502136		ZSUD	F70	ELBOW LR 90DEG CS 2" SCH 160 BW ENDS					
		2.000	EA	1.350							
HY7242695-00		00	ANSI B 16.9		A1					22.02.2011	
					MA BY QC						
1	0038	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :75.000 X 1,650.000											
MM	1.000	19.429	KG	19.429							
HY10470-SA516GR70		06	SA516GR70		A1					22.02.2011	
RIB, MATL. FOR 2 RIBS					MA BY QC						
1	0051	AA7501468893		ZSUD	F70	GLOBE VALVE CS 1/2" CL800 SCREWD NPT END					
		2.000	EA	1.600							
AA7501468-00		00	BS:5352		A1					22.02.2011	
					MA BY QC						
1	0052	AA7501468630		ZSUD	F70	GLOBE VALVE CS 2" CL 800 SW ENDS					
		2.000	EA	11.100							
AA7501468-00		00	BS:5352		A1					22.02.2011	
					MA BY QC						
1	0053	AA7501468605		ZSUD	F70	GLOBE VALVE CS 1" CL 800 SW ENDS					
		8.000	EA	3.400							
AA7501468-00		00	BS:5352		A1					22.02.2011	
FOR LS,LG,LT					MA BY QC						
1	0054	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
LENGTH =7,500.000											
MM	1.000	7.500	M	24.300							
AA10455		09			A1					22.02.2011	
FOR LS,LG,LT, CUT AT SITE, ADJUST											
1	0055	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B					
LENGTH =2,000.000											
MM	1.000	2.000	M	3.200							
AA10455		09			A1					22.02.2011	
CUT AT SITE, ADJUST					MA BY QC						

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T41631911703-00

01

P006

500/600 MW DEAERATOR STANDPIPE ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drq no

41631911703-00

Drq

537.000

HEEDEASH

22.02.2011

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description							
RM Size													
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev			
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr ind	Valid from			
Engineering Remarks						Technology Remarks							
1	0056	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B							
LENGTH =2,000.000													
MM	1.000	2.000	M	22.220									
AA10455		09			A1					22.02.2011			
CUT AT SITE, ADJUST						MA BY QC							
1	0057	AA7242502136		ZSUD	F70	ELBOW LR 90DEG CS 2" SCH 160 BW ENDS							
		2.000	EA	1.350									
HY7242695-00		00	ANSI B 16.9		A1					22.02.2011			
						MA BY QC							
1	0058	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)							
RECTANGLE :75.000 X 1,650.000													
MM	1.000	19.429	KG	19.429									
HY10470-SA516GR70		06	SA516GR70		A1					22.02.2011			
RIB, MATL. FOR 2 RIBS						MA BY QC							
1	0100	D41631911703				DEAERATOR STANDPIPE							
		1.000	ST										
		00								22.02.2011			
DEAERATOR STANDPIPE													

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
1	0001	31631611683-00		HALB	F30	DEAERATOR HEATER ASSLY					
		1.000	EA	29,437.000			31631611683-00			00	
						1.000				15.02.2011	
POS. NO. 1 TO 4											
2	0001	31631611638-00		HALB	F30	DEAERATOR HEATER SHELL ASSLY.					
		1.000	EA	14,707.000			31631611638-00			00	
						1.000		x		15.02.2011	
POS. NO. 1 TO 5											
3	0001	41631612684-01		HALB	F30	SHELL SEGMENT					
		3.000	EA	2,969.300			41631612684-01			01	
						1.000		x		11.03.2010	
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :2,500.000 X 9,490.000											
MM	3.000	8,939.580	KG	2,969.290							
HY10470-SA516/70		06			A1					02.06.2009	
3	0002	41631612684-02		HALB	F30	SHELL SEGMENT					
		1.000	EA	1,168.600			41631612684-02			01	
						1.000		x		11.03.2010	
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :990.000 X 9,490.000											
MM	1.000	1,180.025	KG	1,168.640							
HY10470-SA516/70		06			A1					02.06.2009	
3	0003	41631612552-00		HALB	F30	2:1 ELLIPS. DE, ID 3000X16, SF=50					
		2.000	EA	1,620.000			41631612552-00			00	
						1.000		x		11.03.2010	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9711814897		ZSUD	F	2:1 ELLIP.DISHED END ID3000/16(MIN)SF-50						
		2.000	EA	1,620.000			41631000410V00					
HE51370V00			SA516/70 (VCD)							02.06.2009		
3	0004	41631612685-00		HALB	F30	STIFFENER RING ID 3366/ OD 3036X 25 THK.						
		1.000	EA	326.300			41631612685-00			01		
						1.000		x		11.03.2010		
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :1,360.000 X 2,420.000												
MM	1.000	645.898	KG	645.898								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
3	0005	31631611238-00		HALB	F30	HEATER SUPPORT ASSLY						
		2.000	EA	532.300			31631611238-00			00		
						1.000		x		11.03.2010		
4	0001	31631611238-01		HALB	F30	PAD						
		2.000	EA	114.700			31631611238-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :280.000 X 3,260.000												
MM	2.000	229.296	KG	114.670								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	31631611238-02		HALB	F30	VERTICAL RIB						
		2.000	EA	208.900			31631611238-02			00		
						1.000		x		02.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :1,065.000 X 2,670.000											
MM	2.000	892.874		KG	208.900						
AA10119		13			A1					02.06.2009	
4	0003	31631611238-03		HALB	F30	BASE PLATE					
		2.000		EA	126.800			31631611238-03			00
						1.000		x		02.06.2009	
MA BY QC											
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :250.000 X 2,600.000											
MM	2.000	255.126		KG	126.790						
AA10119		13			A1					02.06.2009	
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :115.000 X 345.000											
MM	8.000	49.832		KG	6.200						
AA10119		13			A1					02.06.2009	
RIB					MA BY QC						
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B					
RECTANGLE :115.000 X 805.000											
MM	8.000	116.272		KG	14.534						
AA10119		13			A1					10.09.2009	
RIB					MA BY QC						
2	0002	11631611469-00		HALB	F30	DEAERATOR HEATER NOZZLE ASSLY					
		1.000		EA	5,010.000			11631611469-00			00
						1.000		x		15.02.2011	
POS. NO. 1 TO 28											
3	0001	11631611469-11		HALB	F30	EQUALIZER ASSLY. 36"					
		2.000		EA	674.040			11631611469-11			00
						1.000		x		03.02.2011	
GROUP 1 TO 3, N30, FOR NOZZLE					CONFIG.REF. VAR 01 OF DRG. 11631011267						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	41631612712-01		HALB	F30	PIPE					
		2.000		EA	185.000			41631612712-01		01	
						1.000		x		03.02.2011	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :550.000 X 2,835.000											
MM	2.000	391.684		KG	1.000						
HY10470-SA516/70		06			A1					02.06.2009	
4	0002	11631611469-11A		HALB	F30	RF. PAD DIA. 930/1400					
		2.000		EA	119.070			11631611469-11		00	
						1.000		x		03.02.2011	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
SQUARE = 1,410.000 X 1,410.000											
MM	2.000	499.410		KG	249.705						
HY10470-SA516/70		06			A3					03.02.2011	
					MA BY QC & LLOYDS						
4	0003	HY1041898215		ZROH	F70	PLT BQ 63 (SA516 Gr70)					
D=975.000											
MM	2.000	738.480		KG	369.240						
HY10498-SA516GR70		01	SA516GR70		A3					03.02.2011	
BLANKING PLATE, DRILL 3/4 " NPT HOLE					MA BY QC &LLOYDS						
3	0002	11631611469-10		HALB	F30	DOWN COMMER ASSLY. 36"					
		2.000		EA	603.030			11631611469-10		00	
						1.000		x		03.02.2011	
GROUP 1 TO 3, N29, FOR NOZZLE					CONFIG.REF. VAR 02 OF DRG. 11631011267						
4	0001	41631612712-02		HALB	F30	PIPE					
		2.000		EA	114.000			41631612712-02		01	
						1.000		x		03.02.2011	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :350.000 X 2,835.000												
MM	2.000	249.254	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	11631611469-10A		HALB	F30	RF. PAD DIA. 930/1400						
		2.000	EA	119.070			11631611469-10			00		
						1.000		x		03.02.2011		
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
SQUARE = 1,410.000 X 1,410.000												
MM	2.000	499.410	KG	249.705								
HY10470-SA516/70		06			A3					03.02.2011		
					MA BY QC & LLOYDS							
4	0003	HY1041898215		ZROH	F70	PLT BQ 63 (SA516 Gr70)						
D=975.000												
MM	2.000	738.480	KG	369.240								
HY10498-SA516GR70		01	SA516GR70		A3					03.02.2011		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC &LLOYDS							
3	0003	11631611469-03A		HALB	F30	SPH DISH. DIA. 800/524 MIN. THK. 20MM						
		1.000	EA	66.950			11631611469-03			00		
						1.000		x		03.02.2011		
FOR N8												
4	0001	HE9711814293		ZSUD	F	SP.DISH OD800/20(MIN) TO MATCH OD-3032						
		1.000	EA	94.000			41631000411V00					
			SA516/70 (VCD)		A3					03.02.2011		
					MA BY QC &LLOYDS							
3	0004	31631111588-07I		HALB	F30	MANHOLE ASSLY. (20" ANSI 300 SORF)						
		1.000	EA	493.300			31631111588-07			00		
						1.000		x		03.02.2011		
N8, GROUP 1 TO 11, REFER VAR 03 OF DRG.					11631611469							

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	41631612712-03		HALB	F30	PIPE					
		1.000	EA	58.900			41631612712-03			01	
				A3		1.000		x		02.06.2009	
MA BY QC & LLOYDS											
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :410.000 X 1,560.000											
MM	1.000	80.334	KG	1.000							
HY10470-SA516/70		06		A1						02.06.2009	
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF					
		1.000	EA	135.000							
AA7246106		02	ANSI B 16.5							02.06.2009	
MA BY QC & LLOYDS											
4	0003	HY7240365158		ZSUD	F	NAB MSW GASKET 20"" #300 RF GRAPHITE					
		1.000	EA	0.480							
HY7240365		00	GRAPHITE		A1					02.06.2009	
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST					
		24.000	EA	2.441							
HY7142299-04		04	ASTM A193B7/194 2H		A1					02.06.2009	
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300					
		1.000	EA	150.000							
HY7246772		02	A105		A2					02.06.2009	
MA BY QC & LLOYDS											
4	0006	31631111588-07A		HALB	F30	HANDLE					
		2.000	EA	0.800			31631111588-07			00	
						1.000		x		02.06.2009	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1010299107		ZROH	F70	RND CS 20						
LENGTH =340.000												
MM	2.000	1.672		KG	1.000							
HY10199		03								02.06.2009		
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000		EA	3.900			31631111588-07			00	
						1.000		x		02.06.2009		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ)IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915		KG	1.000							
AA10208		07								02.06.2009		
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000		EA	2.900			31631111588-07			00	
						1.000		x		02.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842		KG	1.000							
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000		EA	3.500			31631111588-07			00	
						1.000		x		02.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948		KG	1.000							
AA10119		13			A1					02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							02.06.2009		
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							02.06.2009		
3	0005	11631611469-04		HALB	F30	SRV NOZZLE ASSLY. 8"						
		2.000	EA	102.950			11631611469-04		00			
						1.000		x		03.02.2011		
GROUP 1 TO 6, N9, FOR NOZZLE CONFIG.REF.					VAR 08 OF DRG. 11631011267							
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B						
LENGTH =350.000												
MM	2.000	0.700	M	22.624								
AA10455		09			A3					03.02.2011		
					MA BY QC &LLOYDS							
4	0002	11631611469-04A		HALB	F30	RF. PAD DIA. 400/235						
		2.000	EA	11.390			11631611469-04		00			
						1.000		x		03.02.2011		
5	0001											
		2.000	ST									
					A3					03.02.2011		
RF. PAD DIA. 235/400, MATL. COVERED IN					11631611469-02A,MA BY QC & LLOYDS							
4	0003	AA7246106138		ZSUD	F70	FLANGE SOW CS 8" CL 300 RAISED FACE						
		2.000	EA	25.500								
AA7246106-02		02	ANSI B 16.5		A3					03.02.2011		
					MA BY QC &LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH						
		2.000	EA	0.200								
HY7240365		00	GRAPHITE							03.02.2011		
4	0005	HY7246772138		ZSUD	F70	FLANGE BLIND CS 8" CL 300 RAISED FACE						
		2.000	EA	16.000								
HY7246772-02		02	ANSI:B16.5		A3					03.02.2011		
					MA BY QC &LLOYDS							
4	0006	HY7142198389		ZSUD	F70	STUD 2 NUTS M22X170						
		24.000	EA	0.758								
HY7142198-04		04	ASTM A193B7/194 2H							03.02.2011		
3	0006	11631611469-05		HALB	F30	VENT CONN. 2"						
		4.000	EA	4.700			11631611469-05		00			
						1.000		x		03.02.2011		
N12												
4	0001	HE9691002060		ZSUD	F	SW COUPLING ANSI 6000# SS 2"X75						
		4.000	EA	3.500								
HE91002V06			HE91002V06		A3					03.02.2011		
					MA BY QC &LLOYDS							
4	0002	HE9791003068		ZSUD	F	1 1/2" BAR PLUG CS						
		4.000	EA	1.200								
HE91003V00			SA105							03.02.2011		
3	0007	11631611469-02		HALB	F30	CONDENSATE INLET CONN. 16"						
		2.000	EA	111.270			11631611469-02		00			
						1.000		x		03.02.2011		
GROUP 1 TO 3, N2, FOR NOZZLE CONFIG.REF.					VAR 01 OF DRG. 11631011267							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0001	41631612712-04		HALB	F30	PIPE					
		2.000		EA	42.900			41631612712-04		01	
						1.000		x		03.02.2011	
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :290.000 X 1,240.000											
MM	2.000	90.332		KG	1.000						
HY10470-SA516/70		06			A1					02.06.2009	
4	0002	11631611469-02A		HALB	F30	RF. PAD DIA. 650/422					
		2.000		EA	26.580			11631611469-02		00	
						1.000		x		03.02.2011	
5	0001										
		2.000		ST							
					A3					03.02.2011	
RF. PAD DIA. 422/650, MATL. COVERED IN					11631611469-11A,MA BY QC & LLOYDS						
4	0003	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)					
D=460.000											
MM	2.000	83.494		KG	41.747						
HY10470-SA516GR70		06	SA516GR70		A3					03.02.2011	
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC &LLOYDS						
3	0008	11631611469-01		HALB	F30	STEAM INLET CONN. 32"					
		1.000		EA	638.950			11631611469-01		00	
						1.000		x		03.02.2011	
GROUP 1 TO 3, N1, FOR NOZZLE CONFIG.REF.					VAR 01 OF DRG. 11631011267						
4	0001	41631612712-05		HALB	F30	PIPE					
		1.000		EA	150.500			41631612712-05		01	
						1.000		x		03.02.2011	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :400.000 X 2,510.000											
MM	1.000	157.628	KG	1.000							
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
4	0002	11631611469-01A		HALB	F30	SPH DISH DIA. 1300/829 MIN. THK. 20MM					
		1.000	EA	233.190			11631611469-01			00	
						1.000		x		03.02.2011	
5	0001	HE9711814900		ZSUD	F	SP.DISH OD1400/20(MIN)TO MATCH OD-3032					
		1.000	EA	291.000			41631000410V00				
			SA516/70 (VCD)		A3					03.02.2011	
					MA BY QC &LLOYDS						
4	0003	HY1041898207		ZROH	F70	PLT BQ 56 (SA516 Gr70)					
D=875.000											
MM	1.000	264.340	KG	264.340							
HY10498-SA516GR70		01	SA516GR70		A3					03.02.2011	
BLANKING PLATE					MA BY QC &LLOYDS						
3	0009	11631611469-09		HALB	F30	HPH-5 DRIP CONN. 8"					
		2.000	EA	90.350			11631611469-09			00	
						1.000		x		03.02.2011	
GROUP 1 TO 3, N24, FOR NOZZLE					CONFIG.REF. VAR 10 OF DRG. 11631011267						
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B					
LENGTH =475.000											
MM	2.000	0.950	M	30.704							
AA10455		09			A3					03.02.2011	
					MA BY QC &LLOYDS						
4	0002	11631611469-09A		HALB	F30	SPH DISH DIA. 235/500 THK. 20					
		2.000	EA	35.690			11631611469-09			00	
						1.000		x		03.02.2011	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEARATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
5	0001	HE9711814307		ZSUD	F	SP.DISH OD500/20(MIN) TO MATCH OD-3032					
		2.000	EA	30.000			41631000412V00				
			SA516/70 (VCD)		A3					03.02.2011	
					MA BY QC &LLOYDS						
4	0003	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
D=275.000											
MM	2.000	18.650	KG	9.325							
HY10470-SA516GR70		06	SA516GR70		A3					03.02.2011	
BLANKING PLATE					MA BY QC &LLOYDS						
4	0004	41631612812-00		HALB	F30	8" SS PIPE					
		2.000	EA	11.730			41631612812-00			00	
						1.000		x		03.02.2011	
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321					
LENGTH =350.000											
MM	2.000	0.700	M	1.000							
AA10755		07			A1					02.06.2009	
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
D=275.000											
MM	2.000	11.404	KG	5.702							
HY10786		00			A1					03.02.2011	
END PLATE					MA BY QC						
3	0010	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :250.000 X 502.000											
MM	4.000	63.052	KG	15.763							
HY10470-SA516/70		06			A1					03.02.2011	
VORTEX PLATE, FOR N29					MA BY QC						
3	0011	41631612705-00		HALB	F30	VORTEX PLATE					
		2.000	EA	28.400			41631612705-00			00	
						1.000		x		03.02.2011	
FOR N29											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :250.000 X 1,020.000											
MM	2.000	64.056	KG	1.000							
HY10470-SA516/70		06			A1					02.06.2009	
3	0012	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
D=1,020.000											
MM	2.000	205.262	KG	102.631							
HY10470-SA516/70		06			A1					03.02.2011	
PLATE, FOR N30					MA BY QC						
3	0013	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :40.000 X 325.000											
MM	8.000	13.064	KG	1.633							
HY10470-SA516/70		06			A1					03.02.2011	
RIB, FOR N30					MA BY QC						
3	0014	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :50.000 X 1,020.000											
MM	2.000	12.812	KG	6.406							
HY10470-SA516/70		06			A1					03.02.2011	
STIFFENER, FOR N30					MA BY QC						
3	0015	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70					
RECTANGLE :50.000 X 502.000											
MM	4.000	12.612	KG	3.153							
HY10470-SA516/70		06			A1					03.02.2011	
STIFFENER, FOR N30					MA BY QC						
3	0016	11631611469-08		HALB	F30	CBD TANK VENT CONN. 12"					
		1.000	EA	72.350			11631611469-08			00	
						1.000		x		03.02.2011	
GROUP 1 TO 3, N21, FOR NOZZLE					CONFIG.REF. VAR 01 OF DRG. 11631011267						
4	0001	AA1049355784		ZROH	F70	PIPE(SMLS) 323.9X17.48 CS SA106 GR B					
LENGTH =290.000											
MM	1.000	0.290	M	38.306							
AA10455		09			A3					03.02.2011	
					MA BY QC &LLOYDS						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description									
RM Size															
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev					
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from					
Engineering Remarks						Technology Remarks									
4	0002	11631611469-08A		HALB	F30	RF. PAD DIA. 500/340									
		1.000	EA	14.610			11631611469-08			00					
						1.000		x		03.02.2011					
5	0001														
		1.000	ST												
					A3					03.02.2011					
RF. PAD DIA. 340/500, MATL. COVERED IN						11631611469-10A,MA BY QC & LLOYDS									
4	0003	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)									
D=375.000															
MM	1.000	21.675	KG	21.675											
HY10470-SA516GR70		06	SA516GR70		A3					03.02.2011					
BLANKING PLATE						MA BY QC &LLOYDS									
3	0017	11631611469-06		HALB	F30	THERMOMETER CONN. M33X2									
		2.000	EA	0.680			11631611469-06			00					
						1.000		x		03.02.2011					
N17															
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCR W M33X2-F L=45 40									
		2.000	EA	0.400											
AA7326101-01		01			A3					03.02.2011					
						MA BY QC &LLOYDS									
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2									
		2.000	EA	0.280											
HY9601207-01-03		03								03.02.2011					
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2									
		2.000	EA	0.001											
HY7161094-00-00-01		01	CSN029310							03.02.2011					

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0018	11631611469-07		HALB	F30	PG, PT & TEST PG TAP POINT CONN. 1/2"					
		5.000	EA	0.350			11631611469-07			00	
						1.000		x		03.02.2011	
GROUP 1 TO 2, N19,N20,N28, FOR NOZZLE					CONFIG.REF. VAR 06 OF DRG. 11631011267						
4	0001	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45					
		5.000	EA	0.230							
HE91001V01			HE91001V01		A3					03.02.2011	
					MA BY QC &LLOYDS						
4	0002	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		5.000	EA	0.120							
HE91003V01			SA516/70 (VCD)							03.02.2011	
3	0019	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
SQUARE = 1,200.000 X 1,200.000											
MM	1.000	138.240	KG	138.240							
HY10786		00			A1					03.02.2011	
IMPINGEMENT PLATE					MA BY QC						
3	0020	41631612707-00		HALB	F30	TOP CHANNEL					
		1.000	EA	28.000			41631612707-00			00	
						1.000		x		03.02.2011	
4	0001	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A					
LENGTH =2,150.000											
MM	1.000	28.165	KG	1.000							
AA10108		10								02.06.2009	
3	0021	41631612708-00		HALB	F30	BOTTOM CHANNEL					
		1.000	EA	34.300			41631612708-00			00	
						1.000		x		03.02.2011	

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1012708047		ZROH	F70	CHANNEL 125X65 IS2062 GRE250 QLTY-A						
LENGTH =2,650.000												
MM	1.000	34.715	KG	1.000								
AA10108		10								02.06.2009		
3	0022	41631612706-01		HALB	F30	PAD						
		2.000	EA	5.800			41631612706-01			00		
					A3	1.000		x		03.02.2011		
4	0001	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :125.000 X 350.000												
MM	2.000	13.738	KG	1.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
3	0023	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
D=50.000												
MM	2.000	0.308	KG	0.154								
HY10470		06			A3					03.02.2011		
PAD FOR MANHOLE HOOK, MATCH TO DISHED					MA BY QC &LLOYDS,END OD							
3	0024	41631112231-00		HALB	F30	HOOK						
		1.000	EA	2.670			41631112231-00			00		
						1.000		x		03.02.2011		
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ) IS1570GR40C8						
LENGTH =1,200.000												
MM	1.000	2.952	KG	1.000								
AA10208		07								02.06.2009		
3	0025	HY7142198052		ZSUD	F70	STUD 2 NUTS M16X90						
		8.000	EA	0.256								
HY7142198-04		04	ASTM A193B7/194 2H							03.02.2011		
FOR FIXING IMPINGEMENT PLATE												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0026	41631612706-02		HALB	F30	PAD					
		2.000		EA	6.600			41631612706-02		00	
						1.000		x		03.02.2011	
4	0001	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)					
RECTANGLE :125.000 X 350.000											
MM	2.000	13.738		KG	1.000						
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
3	0027	HE9791003033		ZSUD	F	3/4" BAR PLUG CS					
		4.000		EA	0.300						
HE91003V03			SA516/70 (VCD)							03.02.2011	
ON BLANKING PLATE FOR N29,N30											
3	0028	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)					
		2.000		EA	0.200						
HE91003V02-SA105			SA105							03.02.2011	
ON BLANKING PLATE FOR N2											
3	0100	D11631011267				NOZZLE ATTACHMENT DETAILS					
		1.000		ST							
		00								03.02.2011	
NOZZLE ATTACHMENT DETAILS											
2	0003	11631611332-00		HALB	F30	WATER BOX ASSLY.					
		1.000		EA	2,189.446			11631611332-00		00	
						1.000		x		15.02.2011	
POS. NO. 1 TO 23											
3	0001	11631611246-00		HALB	F30	VALVE PLATE ASSLY.					
		1.000		EA	1,064.280			11631611246-00		00	
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	11631611246-02		HALB	F30	VALVE PLATE (MIDDLE)					
		1.000	EA	339.680			11631611246-02			00	
						1.000		x		02.06.2009	
MA BY QC											
5	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,579.000 X 2,450.000											
MM	1.000	371.381	KG	1.000							
HY10786		00			A1					02.06.2009	
4	0002	11631611246-01		HALB	F30	VALVE PLATE (LEFT & RIGHT)					
		2.000	EA	362.300			11631611246-01			00	
						1.000		x		02.06.2009	
MA BY QC											
5	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,579.000 X 2,570.000											
MM	2.000	779.142	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0002	41631612562-02		HALB	F30	BACKING STRIP					
		2.000	EA	2.400			41631612562-02			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :1,555.000 X 25.000											
MM	2.000	4.976	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0003	41631612563-00		HALB	F30	END PLATE					
		1.000	EA	41.100			41631612563-00			00	
						1.000		x		02.06.2009	
MA BY QC											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,590.000 X 420.000											
MM	1.000	64.109	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0004	41631612564-00		HALB	F30	END PLATE					
		1.000	EA	41.200			41631612564-00			00	
						1.000		x		02.06.2009	
MA BYQ C											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,590.000 X 420.000											
MM	1.000	64.109	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0005	41631612562-01		HALB	F30	PAD					
		2.000	EA	27.700			41631612562-01			00	
						1.000		x		02.06.2009	
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :956.000 X 460.000											
MM	2.000	56.290	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0006	41631612566-00		HALB	F30	PLATE					
		4.000	EA	2.600			41631612566-00			00	
						1.000		x		02.06.2009	
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L					
RECTANGLE :970.000 X 70.000											
MM	4.000	17.384	KG	1.000							
HY10786		00			A1					02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0007	31631611244-01		HALB	F30	J-STIFFENER					
		2.000	EA	57.900			31631611244-01			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,470.000 X 450.000											
MM	2.000	127.008	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0008	31631611244-02		HALB	F30	J-STIFFENER					
		1.000	EA	53.200			31631611244-02			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :1,370.000 X 450.000											
MM	1.000	59.184	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0009	31631611244-03		HALB	F30	J-STIFFENER					
		2.000	EA	17.600			31631611244-03			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :460.000 X 450.000											
MM	2.000	39.744	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0010	AA1071155369		ZROH	F70	PIPE(SMLS) 168.3X7.1 S.S SA312 GRTP321					
LENGTH =400.000											
MM	4.000	1.600	M	11.100							
AA10755		07			A1					02.06.2009	
					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0011	41631612288-00		HALB	F30	LINER PLATE					
		2.000	EA	94.500			41631612288-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,990.000 X 806.000											
MM	2.000	192.796	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0012	41631612567-00		HALB	F30	LINER PLATE					
		1.000	EA	49.600			41631612567-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :1,570.000 X 806.000											
MM	1.000	50.617	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0013	41631612290-00		HALB	F30	LINER PLATE					
		2.000	EA	86.500			41631612290-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,990.000 X 738.000											
MM	2.000	176.530	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0014	41631612568-00		HALB	F30	LINER PLATE					
		1.000	EA	45.500			41631612568-00			00	
						1.000		x		02.06.2009	
MA BY QC											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :1,570.000 X 738.000											
MM	1.000	46.346	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0015	41631612569-00		HALB	F30	BACKING STRIP					
		2.000	EA	22.300			41631612569-00			00	
						1.000		x		02.06.2009	
MA BY QC											
4	0001	HY1071886053		ZROH	F70	PLT SS			8 TP304L		
RECTANGLE :7,566.000 X 50.000											
MM	2.000	48.422	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0016	HE9719162040		ZSUD	F	SPRAY VALVE FOR DEAERATOR					
		108.000	EA	1.500			21631000019V00				
HE51272V00										02.06.2009	
TEFLON GASKET, NUTS INCLUDED					MA BY QC &LLOYDS						
3	0019	HE9751386020		ZSUD	F	HEX HEAD BOLT M12X60 SS FULL THREADED					
		216.000	EA	0.068							
			SA193 B8							02.06.2009	
3	0020	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
FULL RING: D= 152.000 / 70.000											
MM	4.000	2.288	KG	0.530							
HY10786		00			A1					02.06.2009	
LINER RING					MA BY QC						
3	0021	41631612562-02		HALB	F30	BACKING STRIP					
		2.000	EA	2.400			41631612562-02			00	
						1.000		x		02.06.2009	

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0001	HY1071886053		ZROH	F70	PLT SS 8 TP304L						
RECTANGLE :1,555.000 X 25.000												
MM	2.000	4.976		KG	1.000							
HY10786		00			A1					02.06.2009		
3	0022	HY7242584280		ZSUD	F70	PLUG HEX HD SS 1/2" NPT ENDS						
		1.000		EA	0.250							
HY7242584-01-00		00	ANSI:B16.11(SS)		A1					02.06.2009		
3	0023	31631611244-04		HALB	F30	J-STIFFENER						
		2.000		EA	15.500			31631611244-04		00		
						1.000		x		02.06.2009		
MA BY QC												
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
RECTANGLE :400.000 X 450.000												
MM	2.000	34.560		KG	1.000							
HY10786		00			A1					02.06.2009		
2	0004	11631611283-00		HALB	F30	TRAY ASSLY.						
		1.000		EA	7,357.824			11631611283-00		00		
						1.000		x		15.02.2011		
POS. NO. 1 TO 49												
3	0001	41631611766-00		HALB	F30	BOTTOM CHANNEL						
		7.000		EA	25.000			41631611766-00		00		
						1.000		x		02.06.2009		
4	0001	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A						
LENGTH =2,742.000												
MM	7.000	176.582		KG	1.000							
AA10108		10			A1					02.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0002	AA1012508080		ZROH	F70	ANGLE EQL 50X50X6 IS2062 GRE250 QLTY-A					
LENGTH =7,630.000											
MM	2.000	68.670		KG	34.340						
AA10108		10			A1					02.06.2009	
BOTTOM SIDE ANGLE											
3	0003	AA1012508234		ZROH	F70	ANGLE EQL 100X100X10 IS2062GRE250 QLTY-A					
LENGTH =940.000											
MM	4.000	56.024		KG	14.000						
AA10108		10			A1					02.06.2009	
CORNER POST ANGLE											
3	0004	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =940.000											
MM	14.000	117.124		KG	8.370						
AA10108		10			A1					02.06.2009	
SIDE POST ANGLE											
3	0005	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =7,696.000											
MM	2.000	136.988		KG	68.494						
AA10108		10			A1					10.09.2009	
TOP SIDE ANGLE											
3	0006	41631612565-00		HALB	F30	END ANGLE					
		2.000		EA	22.600			41631612565-00		00	
						1.000		x		02.06.2009	
4	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A					
LENGTH =2,542.000											
MM	2.000	45.248		KG	1.000						
AA10108		10			A1					02.06.2009	
3	0007	41631611455-00		HALB	F30	SIDE CLIP					
		18.000		EA	0.380			41631611455-00		00	
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886096		ZROH	F70	PLT SS 12 TP304L					
RECTANGLE :95.000 X 65.000											
MM	18.000	10.674	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0008	41631611768-00		HALB	F30	HOLD DOWN ANGLE ASSLY.					
		7.000	EA	24.000			41631611768-00			01	
						1.000		x		02.06.2009	
4	0001	41631611768-01		HALB	F30	ANGLE SS					
		7.000	EA	22.100			41631611768-01			01	
						1.000		x		02.06.2009	
5	0001	HEN107250001		ZROH	F70	ANGLE SS 75 X 75 X 8 TP304					
LENGTH =2,494.000											
MM	7.000	212.989	KG	1.000							
HY10761		00								02.06.2009	
4	0002	41631611768-02		HALB	F30	BAR PLATE					
		7.000	EA	1.900			41631611768-02			01	
						1.000		x		02.06.2009	
5	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,494.000 X 20.000											
MM	7.000	13.965	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0009	41631611769-00		HALB	F30	ENDS HOLD DOWN ANGLE ASSLY.					
		2.000	EA	23.400			41631611769-00			00	
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	41631611769-01		HALB	F30	ANGLE					
		2.000		EA	22.100			41631611769-01		00	
						1.000		x		02.06.2009	
5	0001	HEN107250001		ZROH	F70	ANGLE SS 75 X 75 X 8 TP304					
LENGTH =2,494.000											
MM	2.000	60.854		KG	1.000						
HY10761		00								02.06.2009	
4	0002	41631611769-02		HALB	F30	BAR PLATE					
		2.000		EA	1.300			41631611769-02		00	
						1.000		x		02.06.2009	
5	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,494.000 X 13.000											
MM	2.000	2.594		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0010	41631612709-02		HALB	F30	END SHEET					
		2.000		EA	46.200			41631612709-02		00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :2,542.000 X 784.000											
MM	2.000	159.434		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0011	41631612571-00		HALB	F30	END PLATE (MAN HOLE SIDE)					
		2.000		EA	37.400			41631612571-00		00	
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :1,015.000 X 936.000											
MM	2.000	76.004		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0012	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :3,783.000 X 935.000											
MM	4.000	565.936		KG	138.670						
HY10786		00			A1					02.06.2009	
SIDE SHEET					MA BY QC						
3	0013	41631612572-00		HALB	F30	END PLATE					
		1.000		EA	101.100			41631612572-00		00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :2,532.000 X 1,015.000											
MM	1.000	102.799		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0014	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :3,783.000 X 1,015.000											
MM	4.000	614.360		KG	151.020						
HY10786		00			A1					02.06.2009	
SIDE PLATE					MA BY QC						
3	0015	AA1012508307		ZROH	F70	ANGLE EQL 150X150X12 IS2062GRE250 QLTY-A					
LENGTH =7,696.000											
MM	2.000	420.202		KG	174.350						
AA10108		10								02.06.2009	
UNEQUAL ANGLE, CUT TO MAKE ANGLE					12X90X150						
3	0016	41631611573-00		HALB	F30	SHIM PLATE					
		4.000		EA	0.360			41631611573-00		01	
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :210.000 X 50.000											
MM	4.000	1.680		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0017	HE9751386039		ZSUD	F	BOLT M12X55 SS					
		6.000		EA	0.010						
			SS							02.06.2009	
3	0018	HE9751386071		ZSUD	F	NUT HEXA M12					
		6.000		EA	0.005						
			SA194 GR.8							02.06.2009	
3	0019	HE9751386101		ZSUD	F	WASHER M12 SS					
		6.000		EA	0.001						
			SS304							02.06.2009	
3	0020	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
SQUARE = 51.000 X 51.000											
MM	35.000	3.640		KG	0.010						
HY10786		00			A1					02.06.2009	
PLATE					MA BY QC						
3	0021	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :51.000 X 1,250.000											
MM	2.000	5.100		KG	2.550						
HY10786		00			A1					10.09.2009	
END STIFFENER					MA BY QC						
3	0022	41631612710-00		HALB	F30	STIFFENER					
		18.000		EA	3.500			41631612710-00			00
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
4	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :600.000 X 162.000											
MM	18.000	69.984	KG	1.000							
HY10786		00			A1					02.06.2009	
3	0023	HE9751386012		ZSUD	F	HEX HEAD BOLT M20X75 SS FULL THREADED					
		18.000	EA	0.245							
			SA193 B8							02.06.2009	
						MA BY QC					
3	0024	HE9751386055		ZSUD	F	NUT M20 SS					
		18.000	EA	0.005							
			SA194 GR.8							02.06.2009	
3	0025	HE9751386098		ZSUD	F	WASHER M20 SS					
		36.000	EA	0.001							
			SS304							02.06.2009	
3	0026	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :2,540.000 X 51.000											
MM	1.000	5.182	KG	4.940							
HY10786		00			A1					02.06.2009	
END STIFFENER						MA BY QC					
3	0027	41631611463-00		HALB	F30	BOTTOM WASHER					
		35.000	EA	0.016			41631611463-00			00	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
SQUARE = 25.000 X 25.000											
MM	35.000	0.875	KG	1.000							
HY10786		00			A1					02.06.2009	

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T31631611683-00

01

P006

500 MW DEAERATOR HEATER ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

31631611683-00

Drg

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
3	0028	41631612272-00		HALB	F30	HOLD DOWN ROD DIA.10				
		35.000	EA	0.620			41631612272-00		00	
						1.000		x		02.06.2009
4	0001	HY1070270067		ZROH	F70	RND SS 10				
LENGTH =1,010.000										
MM	35.000	22.260	KG	1.000						
HY10770		02			A1					02.06.2009
3	0029	HE9751386128		ZSUD	F	WASHER M10 SS				
		35.000	EA	0.001						
			SS304							02.06.2009
3	0030	HE9751386080		ZSUD	F	NUT M10 SS				
		105.000	EA	0.005						
			SA194 GR.8							02.06.2009
3	0031	HE9751387019		ZSUD	F	BAR GRATING WIDTH=755, LENGTH=2500				
		11.000	EA	90.000						
HE51387V01			CS							02.06.2009
3	0032	41631611577-00		HALB	F30	SIDE BAR				
		2.000	EA	1.900			41631611577-00		01	
						1.000		x		02.06.2009
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L				
RECTANGLE :940.000 X 51.000										
MM	2.000	3.836	KG	1.000						
HY10786		00			A1					02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description					
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0033	41631611578-00		HALB	F30	SIDE BAR					
		2.000		EA	1.900			41631611578-00		01	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :934.000 X 51.000											
MM	2.000	3.810		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0034	41631611579-00		HALB	F30	GRAB BAR					
		2.000		EA	1.390			41631611579-00		01	
						1.000		x		02.06.2009	
4	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :650.000 X 70.000											
MM	2.000	3.640		KG	1.000						
HY10786		00			A1					02.06.2009	
3	0035	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :945.000 X 660.000											
MM	1.000	24.948		KG	24.400						
HY10786		00			A1					02.06.2009	
DOOR					MA BY QC						
3	0036										
		1.000		ST							
										10.09.2009	
SWINGING DOOR, MATL. TO BE TAKEN FROM					MA BY QC						
3	0037	HY1071155660		ZROH	F70	PIPE SS 12.7 X 2.1 A312 TP321					
LENGTH =600.000											
MM	2.000	1.200		M	0.300						
AA10755		07			A1					02.06.2009	
					MA BY QC						

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
3	0038	HE9751386136		ZSUD	F	SS HINGE L=560, (16 GAUGE X 38 WIDTH)					
		2.000	EA	1.000							
			SS304							02.06.2009	
3	0039	HE9751386047		ZSUD	F	BOLT HEXA M6X35					
		8.000	EA	0.001							
										02.06.2009	
3	0040	HE9751386063		ZSUD	F	NUT HEXA M6					
		8.000	EA	0.001							
			SA194 GR.8							02.06.2009	
3	0041	HE9751386110		ZSUD	F	WASHER M6 SS					
		16.000	EA	0.001							
			SS304							02.06.2009	
3	0042	41631612711-00		HALB	F30	ANGLE					
		2.000	EA	8.800			41631612711-00		00		
						1.000		x		02.06.2009	
4	0001	AA1012508102		ZROH	F70	ANGLE EQL 65X65X8 IS2062 GRE250 QLTY-A					
LENGTH =1,170.000											
MM	2.000	18.018	KG	1.000							
AA10108		10			A1					02.06.2009	
3	0043	41631611781-00		HALB	F30	PLATE					
		2.000	EA	0.800			41631611781-00		00		
						1.000		x		02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0001	HY1041870060		ZROH	F70	PLT BQ			8 VCD		
RECTANGLE :153.000 X 95.000											
MM	2.000	1.826	KG	1.000							
HY10470		06			A1					02.06.2009	
3	0044	HY1041870060		ZROH	F70	PLT BQ			8 VCD		
RECTANGLE :1,160.000 X 800.000											
MM	1.000	58.278	KG	58.250							
HY10470		06			A1					02.06.2009	
MANWAY PLATE					MA BY QC						
3	0045	HE9710042076		ZSUD	F	TRAY ASSEMBLY FOR DEAERATOR					
		576.000	EA	6.000			21631000020V00				
			SS430							02.06.2009	
					MA BY QC &LLOYDS						
3	0046	41631612298-00		HALB	F30	PAD(FOR UNEQUAL ANGLE)					
		22.000	EA	4.900			41631612298-00			00	
						1.000		x		02.06.2009	
MA BY QC & LLOYDS											
4	0001	HY1041870078		ZROH	F70	PLT BQ			10 VCD		
RECTANGLE :251.000 X 250.000											
MM	22.000	108.372	KG	1.000							
HY10470		06			A1					02.06.2009	
3	0047	HY1071886010		ZROH	F70	PLT SS			5 TP304L		
RECTANGLE :660.000 X 75.000											
MM	1.000	1.980	KG	1.960							
HY10786		00			A1					02.06.2009	
COVER PLATE					MA BY QC						
3	0048	HE9715574009		ZSUD	F	SPLIT PIN 2.5 X 15, SS					
		35.000	EA	0.006			41631000378V01				
			SS304							02.06.2009	
ON HOLD DOWN ROD											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks						Technology Remarks					
3	0049	41631612692-00		HALB	F30	BOTTOM CHANNEL					
		2.000	EA	25.100			41631612692-00			00	
						1.000		x		10.09.2009	
4	0001	AA1012708039		ZROH	F70	CHANNEL 100X50 IS2062GRE250 QLTY-A					
LENGTH =2,742.000											
MM	2.000	50.452	KG	1.000							
AA10108		10			A1					02.06.2009	
3	0100	D11631611293				TRAY ASSLY DETAILS					
		1.000	ST								
		00								10.09.2009	
TRAY ASSLY. DETAILS											
1	0051	41631613068-03		HALB	F30	ORIFICE PIPE ASSEMBLY					
		4.000	EA	47.820			41631613068-03			00	
						1.000				15.02.2011	
FOR N12											
2	0001	CPCA10350006		ZSUD	F	GLOBE VLV,SS A351CF8,2"CL300SORF					
		4.000	EA	35.000							
										02.06.2009	
2	0002	HY1071055771		ZROH	F70	PIPE SS 60.3 X 8.74 A312 TP321					
LENGTH =195.000											
MM	4.000	0.780	M	2.060							
AA10755		07			A1					02.06.2009	
						MA BY QC					
2	0003	HY7246164065		ZSUD	F70	FLANGE SOW SS 2" CL 300 RAISED FACE					
		8.000	EA	3.000							
HY7246164-02		02	ANSI:B16.5		A1					02.06.2009	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std	Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks						
2	0004	HY7240366057		ZSUD	F	NAB M.S.W. GASKET SIZE 2"#600 GRPH					
		12.000	EA	0.050							
HY7240366		00	GRAPHITE		A1				02.06.2009		
2	0005	41631612440-00		HALB	F30	ORIFICE PLATE					
		4.000	EA	0.260			41631612440-00			01	
					1.000		x		02.06.2009		
3	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
D=92.000											
MM	4.000	1.064	KG	0.260							
HY10786		00		A1					02.06.2009		
2	0006	HY7142198060		ZSUD	F70	STUD 2 NUTS M16X100					
		64.000	EA	0.272							
HY7142198		04	ASTM A193B7/A1942H		A1				02.06.2009		
1	0052	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B					
LENGTH =1,000.000											
MM	5.000	5.000	M	1.600							
AA10455		09		A1					21.02.2011		
FOR N19,N20,N28											
1	0053	AA7506468581		ZSUD	F	GLOBE VALVE,CS 1/2", 800,SOCKET					
		5.000	EA	1.600							
				A1					21.02.2011		
FOR N19,N20,N28											
1	0058	AA7246101144		ZSUD	F70	FLANGE SOW CS 10" CL 150 RAISED FACE					
		2.000	EA	17.000							
AA7246101-01-01		01	ANSI B16.5		A1				21.02.2011		
FOR N9A,N9B											

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631611683-00	01	P006	500 MW DEAERATOR HEATER ASSLY	1

Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
29,696.000	HEEDEASH	15.02.2011		31631611683-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
1	0059	HY7240364062		ZSUD	F	NAB M.S.W. GASKET SIZE 10" #150 GRPH						
		2.000		EA	0.300							
HY7240364		00	GRAPHITE		A1					21.02.2011		
FOR N9A,N9B												
1	0060	HY7142198362		ZSUD	F70	STUD 2 NUTS M22X150						
		24.000		EA	0.698							
HY7142198-04		04	ASTM:A193B7/1942H		A1					21.02.2011		
FOR N9A,N9B												
1	0061	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH						
		2.000		EA	0.200							
HY7240365		00	GRAPHITE		A1					21.02.2011		
FOR N9A,N9B												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0003	31631111961-00C		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-III)						
		1.000	EA	23,046.000			31631111961-00			00		
						1.000				15.02.2011		
GROUP 3 & 6												
2	0003	31631111912-00C		HALB	F30	SHELL ASSLY (SEC-III)						
		1.000	EA	21,143.000			31631111912-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 5												
3	0001	41631113433-00		HALB	F30	SHELL SEGMENT						
		4.000	EA	4,007.100			41631113433-00			01		
						1.000		x		24.03.2010		
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :2,500.000 X 11,380.000												
MM	4.000	16,079.94	KG	4,007.130								
HY10470		06			A1					02.06.2009		
3	0002	41631113866-01		HALB	F30	DISHED END ID 3600X 18MM MIN. THK. SF=75						
		1.000	EA	2,606.000			41631113866-01			00		
						1.000		x		24.03.2010		
4	0001	HE9711834430		ZSUD	F	2:1 ELLIP.DISHED END ID3600/18(MIN)SF-75						
		1.000	EA	2,606.000			41631000461V00					
HE51370V00			SA516/70 (VCD)							02.06.2009		
3	0003	41631113651-02		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)						
		2.000	EA	419.600			41631113651-02			01		
						2.000		x		24.03.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,145.000 X 2,805.000												
MM	1.000	1,180.782	KG	1,183.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
					MA BY QC &LLOYDS							
3	0004	31631111653-00		HALB	F30	SLIDING SUPPORT ASSLY						
		1.000	EA	1,028.100			31631111653-00			00		
						1.000		x		24.03.2010		
4	0001	31631111653-01		HALB	F30	PAD						
		1.000	EA	315.900			31631111653-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS, INDENT NO. HE6F0861												
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :530.000 X 4,210.000												
MM	1.000	315.283	KG	315.930								
HY10470		06			A1					02.06.2009		
4	0002	31631111653-02		HALB	F30	VERTICAL RIB						
		1.000	EA	251.500			31631111653-02			00		
						1.000		x		02.06.2009		
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :1,200.000 X 3,190.000												
MM	1.000	600.996	KG	251.500								
AA10119		13			A1					02.06.2009		
4	0003	31631111653-03		HALB	F30	BASE PLATE						
		1.000	EA	292.300			31631111653-03			00		
						1.000		x		02.06.2009		

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111961-00C

01

P006

500MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,411.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :500.000 X 3,000.000										
MM	1.000	294.375	KG	292.330						
AA10119		13			A1					02.06.2009
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :240.000 X 335.000										
MM	4.000	50.492	KG	12.580						
AA10119		13			A1					02.06.2009
RIB					MA BY QC					
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :240.000 X 783.000										
MM	4.000	118.012	KG	29.503						
AA10119		13			A1					11.09.2009
RIB					MA BY QC					
3	0005	41631113049-00		HALB	F30	SPIDER ASSLY				
		1.000	EA	642.500			41631113049-00		00	
						1.000		x		24.03.2010
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A				
LENGTH =1,600.000										
MM	8.000	192.000	KG	24.000						
AA10108		10			A1					02.06.2009
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
D=500.000										
MM	1.000	30.827	KG	30.000						
AA10119		13			A1					02.06.2009
CENTRE PLATE										
4	0003	41631113342-01		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)				
		1.000	EA	419.600			41631113342-01		00	
						1.000		x		02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,140.000 X 1,540.000												
MM	1.000	646.762	KG	683.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
3	0050	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								24.03.2010		
WELDING DETAILS AND WPS NOS.												
2	0006	11631111357-00C		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-III)						
		1.000	EA	1,903.000			11631111357-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 21												
3	0001	31631111588-07S		HALB	F30	MANHOLE ASSLY.						
		1.000	EA	506.886			31631111588-07			00		
						1.000		x		24.03.2010		
N7B, REFER VAR 03 OF DRG. 11631111357												
4	0001	41631113196-02		HALB	F30	PIPE						
		1.000	EA	79.500			41631113196-02			01		
						1.000		x		14.09.2009		
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :480.000 X 1,560.000												
MM	1.000	94.049	KG	79.470								
HY10470-SA516/70		06			A1					09.06.2009		
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF						
		1.000	EA	135.000								
AA7246106		02	ANSI B 16.5							14.09.2009		
MA BY QC & LLOYDS					MA BY QC &LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	HY7240363155		ZSUD	F	NAB M.S.W. GASKET SIZE 20" #300 PTFE						
		1.000	EA	0.480								
HY7240363		00	PTFE		A1					14.09.2009		
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST						
		24.000	EA	2.441								
HY7142299-04		04	ASTM A193B7/194 2H		A1					14.09.2009		
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300						
		1.000	EA	150.000								
HY7246772		02	A105		A2					14.09.2009		
MA BY QC & LLOYDS					MA BY QC &LLOYDS							
4	0006	31631111588-07A		HALB	F30	HANDLE						
		2.000	EA	0.800			31631111588-07			00		
						1.000		x		14.09.2009		
5	0001	HY1010299107		ZROH	F70	RND CS 20						
LENGTH =340.000												
MM	2.000	1.672	KG	1.000								
HY10199		03								02.06.2009		
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07			00		
						1.000		x		14.09.2009		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ) IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07			00		
						1.000		x		14.09.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		14.09.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							14.09.2009		
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							14.09.2009		
3	0002	11631111357-03A		HALB	F30	SPHERICAL DISH DIA.524/850X18						
		1.000	EA	69.640			11631111357-03			00		
						1.000		x		24.03.2010		
FOR N7B												

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9711834448		ZSUD	F	SP.DISH OD850/18(MIN) TO MATCH OD-3636						
		1.000	EA	110.800			41631000461V00					
			SA516/70 (VCD)		A3					24.03.2010		
					MA BY QC & LLOYDS							
3	0003	11631111357-01		HALB	F30	FEED WATER OUTLET CONN. 16"						
		1.000	EA	214.170			11631111357-01			00		
						1.000		x		24.03.2010		
N3, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011178							
4	0001	41631113196-03		HALB	F30	PIPE						
		1.000	EA	59.700			41631113196-03			01		
						1.000		x		24.03.2010		
CUT SLOTS AS PER DRG. 11631111357												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :1,235.000 X 400.000												
MM	1.000	62.046	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	11631111357-01A		HALB	F30	RF. PAD DIA. 600/422						
		1.000	EA	22.250			11631111357-01			00		
						1.000		x		24.03.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 610.000 X 610.000												
MM	1.000	52.578	KG	52.578								
HY10470		06			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)						
D=460.000												
MM	1.000	41.747	KG	41.747								
HY10470-SA516GR70		06	SA516GR70		A3					24.03.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :245.000 X 510.000												
MM	1.000	19.617	KG	19.617								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
4	0005	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=580.000												
MM	1.000	51.851	KG	51.851								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
TOP PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
SQUARE = 245.000 X 245.000												
MM	2.000	18.848	KG	9.424								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
3	0004	11631111357-12		HALB	F30	BFP RECIRCULATION CONN. 8"						
		2.000	EA	65.570			11631111357-12			00		
						1.000		x		24.03.2010		
N22, FOR NOZZLE CONFIG. REFER VAR 10 OF					DRG. 11631011267							
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B						
LENGTH =420.000												
MM	2.000	0.840	M	27.149								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111357-12A		HALB	F30	RF. PAD DIA. 400/235						
		2.000	EA	12.820			11631111357-12			00		
						1.000		x		24.03.2010		
5	0001											
		2.000	ST									
										24.03.2010		
RF. PAD DIA. 235/400, MATL. COVERED IN					11631111357-14A, MA BY QC & LLOYDS							

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111961-00C

01

P006

500MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,411.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
D=275.000												
MM	2.000	18.650	KG	9.325								
HY10470-SA516GR70		06	SA516GR70		A3					24.03.2010		
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS							
4	0004	41631612812-00		HALB	F30	8" SS PIPE						
		2.000	EA	11.730			41631612812-00			00		
						1.000		x		24.03.2010		
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321						
LENGTH =350.000												
MM	2.000	0.700	M	1.000								
AA10755		07			A1					02.06.2009		
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L						
D=275.000												
MM	2.000	11.404	KG	5.702								
HY10786		00			A1					24.03.2010		
END PLATE					MA BY QC							
3	0005	11631111357-05		HALB	F30	VENTILATOR CONN. 6"						
		1.000	EA	61.500			11631111357-05			00		
						1.000		x		24.03.2010		
N11, FOR NOZZLE CONFIG. REFER VAR 04 OF					DRG. 11631011267							
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =265.000												
MM	1.000	0.265	M	11.278								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111357-05A		HALB	F30	RF. PAD DIA. 300/184						
		1.000	EA	6.870			11631111357-05			00		
						1.000		x		24.03.2010		

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T31631111961-00C

01

P006

500MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,411.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
5	0001									
		1.000	ST							
										24.03.2010
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111357-01A,MA BY QC & LLOYDS					
4	0003	AA7246106120	ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE					
		1.000	EA	16.500						
AA7246106-02		02	ANSI B 16.5		A3					24.03.2010
					MA BY QC & LLOYDS					
4	0004	HY7142198192	ZSUD	F70	STUD 2 NUTS M20X130					
		12.000	EA	0.513						
HY7142198-04		04	ASTM A193B7/194 2H		A1					24.03.2010
					MA BY QC & LLOYDS					
4	0005	HY7246772120	ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE					
		1.000	EA	12.000						
HY7246772-02		02	ANSI:B16.5		A3					24.03.2010
					MA BY QC & LLOYDS					
4	0006	HY7240363082	ZSUD	F	NON ASBESTOS M.S.W. GASKET SIZE 6" CLAS					
		1.000	EA	0.150						
HY7240363		00	PTFE		A1					24.03.2010
					MA BY QC & LLOYDS					
3	0006	41631113478-02	HALB	F30	INITIAL HEATING PIPE					
		1.000	EA	387.100			41631113478-02		00	
						1.000		x		24.03.2010
FOR N4										
4	0001	AA1049355733	ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B					
LENGTH =6,000.000										
MM	1.000	6.000	M	1.000						
AA10455		09		A2						02.06.2009

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111961-00C	01	P006	500MW DEAEATOR ST.TANK ASSLY (SEC-III)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
23,411.000	HEEDEASH	15.02.2011		31631111961-00
				Drq Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
3	0007	41631113478-01		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	257.900			41631113478-01			00		
						1.000		x		24.03.2010		
FOR N4												
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =3,980.000												
MM	1.000	3.980	M	1.000								
AA10455		09			A2					02.06.2009		
3	0008	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=375.000												
MM	1.000	21.675	KG	21.675								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
END PLATE						MA BY QC & LLOYDS						
3	0009	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
D=50.000												
MM	4.000	0.616	KG	0.154								
HY10470		06			A1					24.03.2010		
PAD FOR MANHOLE HOOK, MATCH TO DISHED						END PROFILE,MA BY QC & LLOYDS						
3	0010	41631112231-00		HALB	F30	HOOK						
		2.000	EA	2.670			41631112231-00			00		
						1.000		x		24.03.2010		
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ) IS1570GR40C8						
LENGTH =1,200.000												
MM	2.000	5.904	KG	1.000								
AA10208		07								02.06.2009		
3	0011	41631113254-03		HALB	F30	HEATING PIPE SUPPORT						
		7.000	EA	17.900			41631113254-03			00		
						1.000		x		24.03.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	41631113348-08		HALB	F30	PAD						
		14.000	EA	1.400			41631113348-08			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
SQUARE = 150.000 X 150.000												
MM	14.000	19.782	KG	1.000								
HY10470		06			A1					02.06.2009		
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =440.000												
MM	14.000	54.824	KG	3.830								
AA10108		10			A1					02.06.2009		
4	0003	41631113254-03A		HALB	F30	ANGLE						
		7.000	EA	4.700			41631113254-03			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =524.000												
MM	7.000	32.648	KG	1.000								
AA10108		10			A1					02.06.2009		
4	0004	HY9603148105		ZSUD	F70	U-BOLT GALVZD 12"						
		7.000	EA	2.710								
HY9603148-04		04			A1					02.06.2009		
3	0012	11631111357-09		HALB	F30	SAMPLING CONN. 1"						
		1.000	EA	1.260			11631111357-09			00		
						1.000		x		24.03.2010		
N16, FOR NOZZLE CONFIG. REFER VAR 06 OF					DRG. 11631011267							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9691001039		ZSUD	F	SW COUPLING ANSI 6000# CS 1"X55						
		1.000	EA	0.960								
HE91001V03			HE91001V03		A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000	EA	0.300								
HE91003V03			SA516/70 (VCD)		A3					24.03.2010		
3	0013	11631111357-07		HALB	F30	OVER FLOW CONN.6"						
		1.000	EA	98.200			11631111357-07			00		
						1.000		x		24.03.2010		
N14, FOR NOZZLE CONFIG. REFER DRG.					41631113237							
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =960.000												
MM	1.000	0.960	M	40.858								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111357-07A		HALB	F30	RF. PAD DIA. 300/184						
		1.000	EA	6.870			11631111357-07			00		
						1.000		x		24.03.2010		
5	0001											
		1.000	ST									
										24.03.2010		
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111357-01A,MA BY QC							
4	0003	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
D=225.000												
MM	1.000	4.994	KG	4.994								
HY10470-SA516/70		06			A3					24.03.2010		
BLANKING PLATE					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =1,100.000												
MM	1.000	1.100	M	46.816								
AA10455		09			A1					24.03.2010		
					MA BY QC & LLOYDS							
3	0014	11631111357-10		HALB	F30	TG & RTD CONN , PG TEST TG CONN. M33X2						
		1.000	EA	0.680			11631111357-10			00		
						1.000		x		24.03.2010		
N17												
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCRW M33X2-F L=45 40						
		1.000	EA	0.400								
AA7326101-01		01			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2						
		1.000	EA	0.280								
HY9601207-01-03		03			A3					24.03.2010		
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2						
		1.000	EA	0.001								
HY7161094-00-00-01		01	CSN029310		A1					24.03.2010		
3	0015	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :75.000 X 750.000												
MM	1.000	8.831	KG	8.831								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
3	0016	11631111357-08		HALB	F30	STANDPIPE CONN. 2"						
		2.000	EA	3.710			11631111357-08			00		
						1.000		x		24.03.2010		
N15, FOR NOZZLE CONFIG. REFER VAR 17 OF					DRG. 11631011267							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAEATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B						
LENGTH =280.000												
MM	2.000	0.560		M	3.111							
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
D=125.000												
MM	2.000	1.542		KG	0.771							
HY10470		06			A3					24.03.2010		
					MA BY QC & LLOYDS							
3	0017	41631112198-22		HALB	F30	NAME PLATE HOLDER						
		1.000		EA	21.100			41631112198-22		00		
						1.000		x		24.03.2010		
4	0001	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)						
RECTANGLE :550.000 X 1,000.000												
MM	1.000	21.588		KG	1.000							
HY10498-SA516/70		01								02.06.2009		
3	0018	HE9715673058		ZSUD	F	NAME PLATE FOR DEAEATOR						
		1.000		EA	1.770			31631111235-00		01		
			SS304							24.03.2010		
FOR NAME PLATE DETAIL DRG. NO. REFER					ST.TANK ASSLY. DRG.							
3	0019	AA7122101150		ZSUD	F70	SCRU SLT CSK A P M 6X12-4.8						
		4.000		EA	0.003							
AA7122101-05		05	IS1365AP-4.8							24.03.2010		
3	0020	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000		EA	0.300							
HE91003V03			SA516/70 (VCD)							24.03.2010		
ON HYDROTEST BLANKING PLATE FOR N3												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00C	01	P006	500MW DEAERATOR ST.TANK ASSLY (SEC-III)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,411.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
3	0021	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)						
		2.000	EA	0.200								
HE91003V02-SA105			SA105							24.03.2010		
ON HYDROTEST BLANKING PLATE FOR N22												
3	0050	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								24.03.2010		
WELD DETAILS & WPS NOS.												
3	0060	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								24.03.2010		
NOZZLE ASSLY. DETAILS												
3	0070	D41631113237				NOZZLE ASSLY						
		1.000	ST									
		00								24.03.2010		
OVERFLOW CONN. 6"												
1	0161	31631111653-03B		HALB	F30	BOTTOM PLATE (SLIDING SUPPORT)						
		1.000	EA	292.330			31631111653-03			00		
						1.000				15.02.2011		
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	294.375								
AA10119		13			A1					01.02.2010		
1	0162	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300						
		4.000	EA	4.870								
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011		

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T31631111961-00C

01

P006

500MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,411.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0163	HY7161096227		ZSUD	F70	WASHER MCD GAL 43-ST					
		8.000	EA	0.180							
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011	
1	0164	41631113965-03SC		HALB	F30	SS PLATE					
		2.000	EA	19.670			41631113965-03			00	
						1.000				15.02.2011	
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L					
RECTANGLE :250.000 X 2,000.000											
MM	2.000	40.000	KG	20.000							
HY10786		00			A1					01.06.2010	
1	0166	AA1049355164		ZROH	F70	PIPE(SMLS)- 33.4X 4.55 CS SA106 GR B					
LENGTH =1,000.000											
MM	1.000	1.000	M	3.240							
AA10455		09			A1					21.02.2011	
FOR N16											
1	0167	AA7506468603		ZSUD	F70	GLOBE VLV CS PTFE PKG 1" CL 800 SW ENDS					
		1.000	EA	3.400							
AA7506468-00		00	BS:5352		A1					21.02.2011	
FOR N16											

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,918.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
1	0002	31631111961-00B		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-II)					
		1.000	EA	22,303.000			31631111961-00			00	
						1.000				15.02.2011	
GROUP 2 & 5											
2	0002	31631111912-00B		HALB	F30	SHELL ASSLY (SEC-II)					
		1.000	EA	20,364.000			31631111912-00			00	
						1.000		x		15.02.2011	
GROUP 1 TO 5											
3	0001	41631113433-00		HALB	F30	SHELL SEGMENT					
		4.000	EA	4,007.100			41631113433-00			01	
						1.000		x		24.03.2010	
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD					
RECTANGLE :2,500.000 X 11,380.000											
MM	4.000	16,079.94	KG	4,007.130							
HY10470		06			A1					02.06.2009	
3	0002	41631113651-04		HALB	F30	STIFFENER RING (THK. 25X DIA.3596/3196)					
		4.000	EA	419.600			41631113651-04			01	
						4.000		x		24.03.2010	
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)					
RECTANGLE :2,145.000 X 5,325.000											
MM	1.000	2,241.592	KG	2,354.000							
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009	
3	0003	31631111652-00		HALB	F30	FIXED SUPPORT ASSLY					
		1.000	EA	1,040.600			31631111652-00			00	
						1.000		x		24.03.2010	

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,918.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	31631111652-01		HALB	F30	PAD						
		1.000	EA	315.900			31631111652-01			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS, INDENT NO. HE6F0861												
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :530.000 X 4,210.000												
MM	1.000	315.283	KG	315.930								
HY10470		06			A1					02.06.2009		
4	0002	31631111652-02		HALB	F30	VERTICAL RIB						
		1.000	EA	258.700			31631111652-02			00		
						1.000		x		02.06.2009		
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :1,220.000 X 3,190.000												
MM	1.000	611.013	KG	258.700								
AA10119		13			A1					02.06.2009		
4	0003	31631111652-03		HALB	F30	BASE PALTE						
		1.000	EA	292.600			31631111652-03			00		
						1.000		x		02.06.2009		
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	292.580								
AA10119		13			A1					02.06.2009		
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 352.000												
MM	4.000	53.052	KG	13.180								
AA10119		13			A1					02.06.2009		
RIB					MA BY QC							

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T3163111961-00B

01

P006

500 MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

23,918.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 800.000												
MM	4.000	120.576	KG	30.144								
AA10119		13			A1					14.09.2009		
RIB					MA BY QC							
3	0004	31631111700-01		HALB	F30	PAD						
		2.000	EA	166.900			31631111700-01			01		
						1.000		x		24.03.2010		
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
RECTANGLE :280.000 X 4,210.000												
MM	2.000	333.128	KG	166.560								
HY10470		06			A1					02.06.2009		
3	0005	41631113049-00D		HALB	F30	SPIDER ASSLY						
		2.000	EA	642.500			41631113049-00			00		
						1.000		x		24.03.2010		
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A						
LENGTH =1,600.000												
MM	16.000	384.000	KG	24.000								
AA10108		10			A1					02.06.2009		
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=500.000												
MM	2.000	61.654	KG	30.890								
AA10119		13			A1					02.06.2009		
					MA BY QC							
4	0003	41631113342-02		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)						
		2.000	EA	419.600			41631113342-02			00		
						2.000		x		02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
23,918.000	HEEDEASH	15.02.2011		31631111961-00
				Drq Rev
				00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,140.000 X 2,800.000												
MM	1.000	1,175.930	KG	1,240.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
					MA BY QC							
3	0050	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								24.03.2010		
WELDING DETAILS AND WPS NOS.												
2	0005	11631111357-00B		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-II)						
		1.000	EA	1,939.000			11631111357-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 6												
3	0001	11631111357-14		HALB	F30	DOWN COMMER & EQUALISER CONN. 36"						
		4.000	EA	244.990			11631111357-14			00		
						1.000		x		24.03.2010		
N29,N30, FOR NOZZLE CONFIG. REFER VAR 01					OF DRG. 11631011267							
4	0001	41631113196-04		HALB	F30	PIPE						
		4.000	EA	114.700			41631113196-04			01		
						1.000		x		24.03.2010		
200MM EXTRA FOR FIXTURE												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :550.000 X 2,835.000												
MM	4.000	783.368	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	11631111357-14A		HALB	F30	RF. PAD DIA. 930/1300						
		4.000	EA	100.930			11631111357-14			00		
						1.000		x		24.03.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,918.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 1,310.000 X 1,310.000												
MM	4.000	969.940	KG	242.485								
HY10470		06			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041898673		ZROH	F70	PLT BQ 5 (SA516 Gr 70)						
D=975.000												
MM	4.000	117.220	KG	29.305								
HY10498-SA516/70		01								24.03.2010		
COVER PLATE FOR TRANSPORTATION PURPOSE					MA BY QC							
3	0002	11631111357-01		HALB	F30	FEED WATER OUTLET CONN. 16"						
		1.000	EA	214.170			11631111357-01			00		
						1.000		x		24.03.2010		
N3												
4	0001	41631113196-03		HALB	F30	PIPE						
		1.000	EA	59.700			41631113196-03			01		
						1.000		x		24.03.2010		
CUT SLOTS AS PER DRG. 11631111357												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :1,235.000 X 400.000												
MM	1.000	62.046	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	11631111357-01A		HALB	F30	RF. PAD DIA. 600/422						
		1.000	EA	22.250			11631111357-01			00		
						1.000		x		24.03.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 610.000 X 610.000												
MM	1.000	52.578	KG	52.578								
HY10470		06			A3					24.03.2010		
					MA BY QC & LLOYDS							

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,918.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)						
D=460.000												
MM	1.000	41.747	KG	41.747								
HY10470-SA516GR70		06	SA516GR70		A3					24.03.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :245.000 X 510.000												
MM	1.000	19.617	KG	19.617								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
4	0005	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=580.000												
MM	1.000	51.851	KG	51.851								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
TOP PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
SQUARE = 245.000 X 245.000												
MM	2.000	18.848	KG	9.424								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
3	0003	41631113478-04		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	389.600			41631113478-04			00		
						1.000		x		24.03.2010		
FOR N4												
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =6,000.000												
MM	1.000	6.000	M	1.000								
AA10455		09			A2					02.06.2009		
3	0004	41631113478-03		HALB	F30	INITIAL HEATING PIPE						
		1.000	EA	228.300			41631113478-03			00		
						1.000		x		24.03.2010		
FOR N4												

H.Material

BOM ST

Plant

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100	100

Base Qty(EA)

T3163111961-00B

01

P006

500 MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

23,918.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B						
LENGTH =3,980.000												
MM	1.000	3.980	M	1.000								
AA10455		09			A2					02.06.2009		
3	0005	41631113254-03		HALB	F30	HEATING PIPE SUPPORT						
		7.000	EA	17.900			41631113254-03			00		
						1.000		x		24.03.2010		
4	0001	41631113348-08		HALB	F30	PAD						
		14.000	EA	1.400			41631113348-08			00		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
SQUARE = 150.000 X 150.000												
MM	14.000	19.782	KG	1.000								
HY10470		06			A1					02.06.2009		
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =440.000												
MM	14.000	54.824	KG	3.830								
AA10108		10			A1					02.06.2009		
4	0003	41631113254-03A		HALB	F30	ANGLE						
		7.000	EA	4.700			41631113254-03			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =524.000												
MM	7.000	32.648	KG	1.000								
AA10108		10			A1					02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,918.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY9603148105		ZSUD	F70	U-BOLT GALVZD 12"						
		7.000	EA	2.710								
HY9603148-04		04			A1					02.06.2009		
3	0006	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		1.000	EA	0.300								
HE91003V03			SA516/70 (VCD)							24.03.2010		
ON HYDROTEST BLANKING PLATE FOR N3												
3	0050	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								24.03.2010		
WELD DETAILS & WPS NOS.												
3	0060	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								24.03.2010		
NOZZLE ASSLY. DETAILS												
1	0131	31631111652-03B		HALB	F30	BOTTOM PLATE (FIXED SUPPORT)						
		1.000	EA	292.580			31631111652-03			00		
						1.000				15.02.2011		
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	294.375								
AA10119		13			A1					01.02.2010		
1	0132	41631113195-00		HALB	F30	SPOOL PIECE						
		4.000	EA	88.800			41631113195-00			00		
						1.000				15.02.2011		
FOR N29,N30												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00B	01	P006	500 MW DEAEERATOR ST.TANK ASSLY (SEC-II)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,918.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
2	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :2,835.000 X 280.000												
MM	4.000	398.804	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
					MA BY QC & LLOYDS							
1	0133	41631113065-00		HALB	F30	BACKING RING						
		8.000	EA	10.800			41631113065-00			00		
						1.000				15.02.2011		
FOR N29,N30												
2	0001	HY1041870078		ZROH	F70	PLT BQ 10 VCD						
RECTANGLE :2,745.000 X 50.000												
MM	8.000	86.192	KG	1.000								
HY10470		06			A1					02.06.2009		
					MA BY QC							
1	0134	HY7142198621		ZSUD	F70	STUD 2 NUTS M27X120						
		8.000	EA	0.942								
HY7142198-04		04	ASTM A193B7/194 2H		A1					21.02.2011		
FOR FIXING DEAEERATOR HEATER												
1	0135	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300						
		8.000	EA	4.870								
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011		
1	0136	HY7161001978		ZSUD	F70	WASHER MCD 28-ST						
		16.000	EA	0.042								
AA7161001-03		03	IS 2016 ST		A1					21.02.2011		
FOR FIXING DEAEERATOR HEATER												
1	0137	HY7161096227		ZSUD	F70	WASHER MCD GAL 43-ST						
		16.000	EA	0.180								
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111961-00B	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-II)	1
Net Wt(KG)	Created by	Created on	Changed on	Drq no
23,918.000	HEEDEASH	15.02.2011		31631111961-00
				Drq Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
1	0138	31631111700-00		HALB	F30	HEATER SUPPORT						
		2.000	EA	414.200			31631111700-00			01		
						1.000				15.02.2011		
2	0001	31631111700-02		HALB	F30	VERTICAL RIB						
		2.000	EA	218.400			31631111700-02			01		
						1.000		x		02.06.2009		
OLD POS NO 2/104/1												
3	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :1,210.000 X 3,190.000												
MM	2.000	1,212.008	KG	218.440								
AA10119		13			A1					02.06.2009		
2	0002	31631111700-03		HALB	F30	BASE PLATE						
		2.000	EA	127.300			31631111700-03			01		
						1.000		x		02.06.2009		
OLD POS NO 2/104/2												
3	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :250.000 X 2,600.000												
MM	2.000	255.126	KG	127.270								
AA10119		13			A1					02.06.2009		
2	0003	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :115.000 X 302.000												
MM	8.000	43.624	KG	5.430								
AA10119		13			A1					02.06.2009		
RIB												
2	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :115.000 X 649.000												
MM	8.000	93.744	KG	11.718								
AA10119		13			A1					07.10.2009		
RIB												

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T31631111961-00A

01

P006

500 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
1	0001	31631111961-00A		HALB	F30	DEAERATOR ST.TANK ASSLY (SEC-I)				
		1.000	EA	23,482.000			31631111961-00		00	
						1.000				15.02.2011
GROUP 1 & 4										
2	0001	31631111912-00A		HALB	F30	SHELL ASSLY (SEC-I)				
		1.000	EA	21,143.000			31631111912-00		00	
						1.000		x		15.02.2011
GROUP 1 TO 5										
3	0001	41631113433-00		HALB	F30	SHELL SEGMENT				
		4.000	EA	4,007.100			41631113433-00		01	
						1.000		x		24.03.2010
4	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD				
RECTANGLE :2,500.000 X 11,380.000										
MM	4.000	16,079.94	KG	4,007.130						
HY10470		06			A1					02.06.2009
3	0002	41631113866-01		HALB	F30	DISHED END ID 3600X 18MM MIN. THK. SF=75				
		1.000	EA	2,606.000			41631113866-01		00	
						1.000		x		24.03.2010
4	0001	HE9711834430		ZSUD	F	2:1 ELLIP.DISHED END ID3600/18(MIN)SF-75				
		1.000	EA	2,606.000			41631000461V00			
HE51370V00			SA516/70 (VCD)							02.06.2009
3	0003	41631113651-02		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)				
		2.000	EA	419.600			41631113651-02		01	
						2.000		x		24.03.2010
STIFFENER RING										

H.Material

BOM ST

Plant

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100	100

Base Qty(EA)

T31631111961-00A

01

P006

500 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)				
RECTANGLE :2,145.000 X 2,805.000										
MM	1.000	1,180.782	KG	1,183.000						
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009
					MA BY QC &LLOYDS					
3	0004	31631111653-00		HALB	F30	SLIDING SUPPORT ASSLY				
		1.000	EA	1,028.100			31631111653-00			00
						1.000		x		24.03.2010
4	0001	31631111653-01		HALB	F30	PAD				
		1.000	EA	315.900			31631111653-01			00
					A3	1.000		x		02.06.2009
MA BY QC & LLOYDS, INDENT NO. HE6F0861										
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD				
RECTANGLE :530.000 X 4,210.000										
MM	1.000	315.283	KG	315.930						
HY10470		06			A1					02.06.2009
4	0002	31631111653-02		HALB	F30	VERTICAL RIB				
		1.000	EA	251.500			31631111653-02			00
						1.000		x		02.06.2009
5	0001	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B				
RECTANGLE :1,200.000 X 3,190.000										
MM	1.000	600.996	KG	251.500						
AA10119		13			A1					02.06.2009
4	0003	31631111653-03		HALB	F30	BASE PLATE				
		1.000	EA	292.300			31631111653-03			00
						1.000		x		02.06.2009

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	292.330								
AA10119		13			A1					02.06.2009		
4	0004	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 335.000												
MM	4.000	50.492	KG	12.580								
AA10119		13			A1					02.06.2009		
RIB					MA BY QC							
4	0005	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :240.000 X 783.000												
MM	4.000	118.012	KG	29.503								
AA10119		13			A1					11.09.2009		
RIB					MA BY QC							
3	0005	41631113049-00		HALB	F30	SPIDER ASSLY						
		1.000	EA	642.500			41631113049-00			00		
						1.000		x		24.03.2010		
4	0001	AA1012808041		ZROH	F70	BEAM 150X75 IS2062 GRE250 QLTY-A						
LENGTH =1,600.000												
MM	8.000	192.000	KG	24.000								
AA10108		10			A1					02.06.2009		
4	0002	AA1011819139		ZROH	F70	PLATE 20 IS2062 GRE250(FE410W) QLTY-B						
D=500.000												
MM	1.000	30.827	KG	30.000								
AA10119		13			A1					02.06.2009		
CENTRE PLATE												
4	0003	41631113342-01		HALB	F30	RING FOR SPIDER (OD 3596/ ID 3196X 25)						
		1.000	EA	419.600			41631113342-01			00		
						1.000		x		02.06.2009		

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAEATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
RECTANGLE :2,140.000 X 1,540.000												
MM	1.000	646.762	KG	683.000								
HY10470-SA516GR70		06	SA516GR70		A1					02.06.2009		
3	0050	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								24.03.2010		
WELDING DETAILS AND WPS NOS.												
2	0004	11631111357-00A		HALB	F30	STORAGE TANK NOZZLE ASSLY. (SEC-I)						
		1.000	EA	2,339.000			11631111357-00			00		
						1.000		x		15.02.2011		
GROUP 1 TO 19												
3	0001	31631111588-07G		HALB	F30	MANHOLE ASSLY.						
		1.000	EA	506.500			31631111588-07			00		
						1.000		x		24.03.2010		
N7A, REFER VAR 03 OF DRG. 11631111357												
4	0001	41631113196-01		HALB	F30	PIPE						
		1.000	EA	72.100			41631113196-01			01		
					A3	1.000		x		02.06.2009		
MA BY QC & LLOYDS												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :470.000 X 1,560.000												
MM	1.000	92.090	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	AA7246106197		ZSUD	F	FLANGE CS,20"- 300 SORF						
		1.000	EA	135.000								
AA7246106		02	ANSI B 16.5							02.06.2009		
MA BY QC & LLOYDS					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0003	HY7240363155		ZSUD	F	NAB M.S.W. GASKET SIZE 20" #300 PTFE						
		1.000	EA	0.480								
HY7240363		00	PTFE		A1					02.06.2009		
4	0004	HY7142299258		ZSUD	F70	STUD 2 NUTS M33 X 3 X 250- ST						
		24.000	EA	2.441								
HY7142299-04		04	ASTM A193B7/194 2H		A1					02.06.2009		
4	0005	HY7246772197		ZSUD	F	BLIND FLANGE 20", A105. #300						
		1.000	EA	150.000								
HY7246772		02	A105		A2					02.06.2009		
MA BY QC & LLOYDS					MA BY QC & LLOYDS							
4	0006	31631111588-07A		HALB	F30	HANDLE						
		2.000	EA	0.800			31631111588-07			00		
						1.000		x		02.06.2009		
5	0001	HY1010299107		ZROH	F70	RND CS 20						
LENGTH =340.000												
MM	2.000	1.672	KG	1.000								
HY10199		03								02.06.2009		
4	0007	31631111588-07B		HALB	F30	ROD						
		1.000	EA	3.900			31631111588-07			00		
						1.000		x		02.06.2009		
5	0001	AA1020208155		ZROH	F70	ROUND 36 HOTRLD/FORGD(NORMZ) IS1570GR40C8						
LENGTH =490.000												
MM	1.000	3.915	KG	1.000								
AA10208		07								02.06.2009		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0008	31631111588-07C		HALB	F30	INNER HINGE						
		2.000	EA	2.900			31631111588-07			00		
						1.000		x		02.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 160.000												
MM	2.000	8.842	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0009	31631111588-07D		HALB	F30	OUTER HINGE						
		2.000	EA	3.500			31631111588-07			00		
						1.000		x		02.06.2009		
MA BY QC												
5	0001	AA1011819171		ZROH	F70	PLATE 32 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :110.000 X 180.000												
MM	2.000	9.948	KG	1.000								
AA10119		13			A1					02.06.2009		
4	0010	HY7161096200		ZSUD	F70	WASHER MCD GAL 37-ST						
		4.000	EA	0.089								
HY7161096-00-00-01		01	IS2016 GAL ST							02.06.2009		
4	0011	HY7171041859		ZSUD	F70	PIN TAPER 6X60						
		1.000	EA	0.016								
AA7171041		05	IS 6688 TYPE A							02.06.2009		
3	0002	11631111357-03A		HALB	F30	SPHERICAL DISH DIA.524/850X18						
		1.000	EA	69.640			11631111357-03			00		
						1.000		x		24.03.2010		
FOR N7A												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	HE9711834448		ZSUD	F	SP.DISH OD850/18(MIN) TO MATCH OD-3636						
		1.000	EA	110.800			41631000461V00					
			SA516/70 (VCD)		A3					24.03.2010		
					MA BY QC & LLOYDS							
3	0003	11631111357-01		HALB	F30	FEED WATER OUTLET CONN. 16"						
		1.000	EA	214.170			11631111357-01			00		
						1.000		x		24.03.2010		
N3												
4	0001	41631113196-03		HALB	F30	PIPE						
		1.000	EA	59.700			41631113196-03			01		
						1.000		x		24.03.2010		
CUT SLOTS AS PER DRG. 11631111357												
5	0001	HY1041870116		ZROH	F70	PLT BQ 16 VCD SA516 Gr 70						
RECTANGLE :1,235.000 X 400.000												
MM	1.000	62.046	KG	1.000								
HY10470-SA516/70		06			A1					02.06.2009		
4	0002	11631111357-01A		HALB	F30	RF. PAD DIA. 600/422						
		1.000	EA	22.250			11631111357-01			00		
						1.000		x		24.03.2010		
5	0001	HY1041870124		ZROH	F70	PLT BQ 18 VCD						
SQUARE = 610.000 X 610.000												
MM	1.000	52.578	KG	52.578								
HY10470		06			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041870175		ZROH	F70	PLT BQ 32 VCD (SA516 Gr70)						
D=460.000												
MM	1.000	41.747	KG	41.747								
HY10470-SA516GR70		06	SA516GR70		A3					24.03.2010		
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
RECTANGLE :245.000 X 510.000												
MM	1.000	19.617	KG	19.617								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
4	0005	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=580.000												
MM	1.000	51.851	KG	51.851								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
TOP PLATE					MA BY QC							
4	0006	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)						
SQUARE = 245.000 X 245.000												
MM	2.000	18.848	KG	9.424								
HY10470-SA516GR70		06	SA516GR70		A1					24.03.2010		
RIB					MA BY QC							
3	0004	11631111357-02		HALB	F30	INITIAL HEATING STEAM CONN. 12"						
		1.000	EA	202.450			11631111357-02			00		
						1.000		x		24.03.2010		
N4, FOR NOZZLE CONFIG. REFER VAR 01 OF					DRG. 11631011267							
4	0001	AA1049355784		ZROH	F70	PIPE(SMLS) 323.9X17.48 CS SA106 GR B						
LENGTH =1,220.000												
MM	1.000	1.220	M	161.150								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111357-02A		HALB	F30	SPHERICAL DISH DIA.340/500X 18 THK.						
		1.000	EA	20.890			11631111357-02			00		
						1.000		x		24.03.2010		
5	0001											
		1.000	ST									
										24.03.2010		
SPH. DISH DIA. 340/500, MATL. COVERED IN					MA BY QC & LLOYDS,11631111357-03A							

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T31631111961-00A

01

P006

500 MW DEAERATOR_ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0003	HY1041870159		ZROH	F70	PLT BQ 25 VCD (SA516 Gr70)						
D=375.000												
MM	1.000	21.675	KG	21.675								
HY10470-SA516GR70		06	SA516GR70		A3					24.03.2010		
BLANKING PLATE						MA BY QC & LLOYDS						
3	0005	11631111357-04		HALB	F30	SRV NOZZLE ASSY. 8"						
		4.000	EA	98.726			11631111357-04			00		
						1.000		x		24.03.2010		
N9C-F, FOR NOZZLE CONFIG. REFER VAR 08						OF DRG. 11631011267						
4	0001	AA1049355601		ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B						
LENGTH =265.000												
MM	4.000	1.060	M	17.130								
AA10455		09			A3					24.03.2010		
						MA BY QC & LLOYDS						
4	0002	11631111357-04A		HALB	F30	RF. PAD DIA. 400/235						
		4.000	EA	12.820			11631111357-04			00		
						1.000		x		24.03.2010		
5	0001											
		4.000	ST									
										24.03.2010		
RF. PAD DIA. 235/400, MATL. COVERED IN						MA BY QC & LLOYDS,11631111357-14A						
4	0003	AA7246106138		ZSUD	F70	FLANGE SOW CS 8" CL 300 RAISED FACE						
		4.000	EA	25.500								
AA7246106-02		02	ANSI B 16.5		A3					24.03.2010		
						MA BY QC & LLOYDS						
4	0004	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH						
		4.000	EA	0.200								
HY7240365		00	GRAPHITE		A1					24.03.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0005	HY7246772138		ZSUD	F70	FLANGE BLIND CS 8" CL 300 RAISED FACE						
		4.000	EA	16.000								
HY7246772-02		02	ANSI:B16.5		A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0006	HY7142198389		ZSUD	F70	STUD 2 NUTS M22X170						
		48.000	EA	0.758								
HY7142198-04		04	ASTM A193B7/194 2H		A1					24.03.2010		
3	0006	11631111357-13		HALB	F30	INITIAL FILLING CONN. 4"						
		1.000	EA	38.792			11631111357-13			00		
						1.000		x		24.03.2010		
N23, FOR NOZZLE CONFIG. REFER VAR 03 OF					DRG. 11631011267							
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =260.000												
MM	1.000	0.260	M	7.363								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111357-13A		HALB	F30	RF. PAD DIA. 250/130						
		1.000	EA	5.560			11631111357-13			00		
						1.000		x		24.03.2010		
5	0001											
		1.000	ST									
										24.03.2010		
RF. PAD DIA. 130/250, MATL. COVERED IN					MA BY QC & LLOYDS,11631111357-14A							
4	0003	AA7246106103		ZSUD	F70	FLANGE SOW CS 4" CL 300 RAISED FACE						
		1.000	EA	10.000								
AA7246106-02		02	ANSI B 16.5		A3					24.03.2010		
					MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drg no	Drg Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0004	HY7142198176		ZSUD	F70	STUD 2 NUTS M20X110						
		8.000	EA	0.464								
ASTM A193B7/194 2H			HY7142198-04		A1					24.03.2010		
4	0005	HY7240363074		ZSUD	F	NAB M.S.W. GASKET SIZE 4" #300 PTFE						
		1.000	EA	0.080								
HY7240363		00	PTFE		A1					24.03.2010		
4	0006	HY7246772103		ZSUD	F70	FLANGE BLIND CS 4" CL 300 RAISED FACE						
		1.000	EA	10.000								
HY7246772-02		02	ANSI:B16.5		A3					24.03.2010		
					MA BY QC & LLOYDS							
3	0007	11631111357-06		HALB	F30	DRAIN CONN. 4"						
		1.000	EA	14.850			11631111357-06			00		
						1.000		x		24.03.2010		
N13, FOR NOZZLE CONFIG. REFER VAR 02 OF					DRG. 11631011267							
4	0001	AA1049355431		ZROH	F70	PIPE(SMLS) 114.3X11.13 CS SA106 GR B						
LENGTH =265.000												
MM	1.000	0.265	M	7.505								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	11631111357-06A		HALB	F30	RF. PAD DIA. 250/130						
		1.000	EA	5.560			11631111357-06			00		
						1.000		x		24.03.2010		
5	0001											
		1.000	ST									
										24.03.2010		
RF. PAD DIA. 130/250, MATL. COVERED IN					11631111357-14A, MA BY QC & LLOYDS							

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1
Net Wt(KG)	Created by	Created on	Changed on	Drg no
23,952.000	HEEDEASH	15.02.2011		31631111961-00
				Drg Rev
				00

Lvl	Pos No	Item Material No	Mat type	SPK	Description						
RM Size											
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev	
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from	
Engineering Remarks					Technology Remarks						
4	0003	HY1041870086		ZROH	F70	PLT BQ 12 VCD (SA516 Gr 70)					
D=175.000											
MM	1.000	2.266	KG	2.266							
HY10470-SA516/70		06	SA516GR70		A3					24.03.2010	
BLANKING PLATE, DRILL 3/4" NPT HOLE					MA BY QC & LLOYDS						
3	0008	11631111357-11		HALB	F30	PRESSURE GAUGE CONN. 1/2"					
		1.000	EA	0.350			11631111357-11			00	
						1.000		x		24.03.2010	
N19, FOR NOZZLE CONFIG. REFER VAR 06 OF					DRG. 11631011267						
4	0001	HE9691001012		ZSUD	F	SW COUPLING ANSI 6000# CS 1/2"X45					
		1.000	EA	0.230							
HE91001V01			HE91001V01		A3					24.03.2010	
					MA BY QC & LLOYDS						
4	0002	HE9791003017		ZSUD	F	3/8" BAR PLUG CS					
		1.000	EA	0.120							
HE91003V01			SA516/70 (VCD)		A3					24.03.2010	
3	0009	41631113478-06		HALB	F30	INITIAL HEATING PIPE					
		1.000	EA	389.900			41631113478-06			00	
						1.000		x		24.03.2010	
FOR N4											
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B					
LENGTH =6,000.000											
MM	1.000	6.000	M	1.000							
AA10455		09			A2					02.06.2009	
3	0010	41631113478-05		HALB	F30	INITIAL HEATING PIPE					
		1.000	EA	258.400			41631113478-05			00	
						1.000		x		24.03.2010	
FOR N4											

H.Material

BOM ST

Plant

Header	Desc
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Base Qty(EA)

T31631111961-00A

01

P006

500 MW DEAERATOR_ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0001	AA1049355733		ZROH	F70	PIPE(SMLS) 323.9X 8.38 CS SA106 GR B				
LENGTH =3,980.000										
MM	1.000	3.980	M	1.000						
AA10455		09			A2					02.06.2009
3	0011	HY1041870078		ZROH	F70	PLT BQ 10 VCD				
D=50.000										
MM	4.000	0.616	KG	0.154						
HY10470		06			A1					24.03.2010
PAD FOR MANHOLE HOOK, MATCH TO DISHED					MA BY QC & LLOYDS					
3	0012	41631112231-00		HALB	F30	HOOK				
		2.000	EA	2.670			41631112231-00		00	
						1.000		x		24.03.2010
4	0001	AA1020208104		ZROH	F70	ROUND 20HOTRLD/FORGD(NORMLZ)IS1570GR40C8				
LENGTH =1,200.000										
MM	2.000	5.904	KG	1.000						
AA10208		07								02.06.2009
3	0013	41631113254-03		HALB	F30	HEATING PIPE SUPPORT				
		7.000	EA	17.900			41631113254-03		00	
						1.000		x		24.03.2010
4	0001	41631113348-08		HALB	F30	PAD				
		14.000	EA	1.400			41631113348-08		00	
					A3	1.000		x		02.06.2009
MA BY QC & LLOYDS										
5	0001	HY1041870060		ZROH	F70	PLT BQ 8 VCD				
SQUARE = 150.000 X 150.000										
MM	14.000	19.782	KG	1.000						
HY10470		06			A1					02.06.2009

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111961-00A

01

P006

500 MW DEAERATOR ST.TANK ASSLY
(SEC-I)

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Dr g

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item Material No	Mat type	SPK	Description							
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
4	0002	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =440.000												
MM	14.000	54.824	KG	3.830								
AA10108		10			A1					02.06.2009		
4	0003	41631113254-03A		HALB	F30	ANGLE						
		7.000	EA	4.700			41631113254-03			00		
						1.000		x		02.06.2009		
5	0001	AA1012508137		ZROH	F70	ANGLE EQL 75X75X8 IS2062 GRE250 QLTY-A						
LENGTH =524.000												
MM	7.000	32.648	KG	1.000								
AA10108		10			A1					02.06.2009		
4	0004	HY9603148105		ZSUD	F70	U-BOLT GALVZD 12"						
		7.000	EA	2.710								
HY9603148-04		04			A1					02.06.2009		
3	0014	11631111357-05		HALB	F30	VENTILATOR CONN. 6"						
		1.000	EA	61.500			11631111357-05			00		
						1.000		x		24.03.2010		
N11, FOR NOZZLE CONFIG. REFER VAR 04 OF					DRG. 11631011267							
4	0001	AA1049355520		ZROH	F70	PIPE(SMLS) 168.3X10.97 CS SA106 GR B						
LENGTH =265.000												
MM	1.000	0.265	M	11.278								
AA10455		09			A3					24.03.2010		
						MA BY QC & LLOYDS						
4	0002	11631111357-05A		HALB	F30	RF. PAD DIA. 300/184						
		1.000	EA	6.870			11631111357-05			00		
						1.000		x		24.03.2010		

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
5	0001											
		1.000	ST									
										24.03.2010		
RF. PAD DIA. 184/300, MATL. COVERED IN					11631111357-01A,MA BY QC & LLOYDS							
4	0003	AA7246106120	ZSUD	F70	FLANGE SOW CS 6" CL 300 RAISED FACE							
		1.000	EA	16.500								
AA7246106-02		02	ANSI B 16.5		A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0004	HY7142198192	ZSUD	F70	STUD 2 NUTS M20X130							
		12.000	EA	0.513								
HY7142198-04		04	ASTM A193B7/194 2H		A1					24.03.2010		
4	0005	HY7246772120	ZSUD	F70	FLANGE BLIND CS 6" CL 300 RAISED FACE							
		1.000	EA	12.000								
HY7246772-02		02	ANSI:B16.5		A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0006	HY7240363082	ZSUD	F	NON ASBESTOS M.S.W. GASKET SIZE 6" CLAS							
		1.000	EA	0.150								
HY7240363		00	PTFE		A1					24.03.2010		
3	0015	11631111357-12	HALB	F30	BFP RECIRCULATION CONN. 8"							
		1.000	EA	65.570			11631111357-12		00			
						1.000		x		24.03.2010		
N22, FOR NOZZLE CONFIG. REFER VAR 10 OF					DRG. 11631011267							
4	0001	AA1049355601	ZROH	F70	PIPE(SMLS) 219.1X12.7 CS SA106 GR B							
LENGTH =420.000												
MM	1.000	0.420	M	27.149								
AA10455		09		A3						24.03.2010		
					MA BY QC & LLOYDS							

H.Material

BOM ST

Plant

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Base Qty(EA)

T31631111961-00A

01

P006

500 MW DEAERATOR ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description				
RM Size										
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from
Engineering Remarks					Technology Remarks					
4	0002	11631111357-12A		HALB	F30	RF. PAD DIA. 400/235				
		1.000	EA	12.820			11631111357-12		00	
						1.000		x		24.03.2010
5	0001									
		1.000	ST							
										24.03.2010
RF. PAD DIA. 235/400, MATL. COVERED IN					11631111357-14A, MA BY QC & LLOYDS					
4	0003	HY1041870132		ZROH	F70	PLT BQ 20 VCD (SA516 Gr70)				
D=275.000										
MM	1.000	9.325	KG	9.325						
HY10470-SA516GR70		06	SA516GR70		A3					24.03.2010
BLANKING PLATE, DRILL 1/2" NPT HOLE					MA BY QC & LLOYDS					
4	0004	41631612812-00		HALB	F30	8" SS PIPE				
		1.000	EA	11.730			41631612812-00		00	
						1.000		x		24.03.2010
5	0001	HY1071055941		ZROH	F70	PIPE SS 219.1 X 8.2 A312 TP321				
LENGTH =350.000										
MM	1.000	0.350	M	1.000						
AA10755		07			A1					02.06.2009
4	0005	HY1071886096		ZROH	F70	PLT SS 12 TP304L				
D=275.000										
MM	1.000	5.702	KG	5.702						
HY10786		00			A1					24.03.2010
END PLATE					MA BY QC					
3	0016	11631111357-10		HALB	F30	TG & RTD CONN , PG TEST TG CONN. M33X2				
		4.000	EA	0.680			11631111357-10		00	
						1.000		x		24.03.2010
N17,N18B,N27										

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
4	0001	AA7326101329		ZSUD	F70	STUB STRT IMMER CS SCRW M33X2-F L=45 40						
		4.000	EA	0.400								
AA7326101-01		01			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0002	HY9601207112		ZSUD	F70	PLUG M33X2						
		4.000	EA	0.280								
HY9601207-01-03		03			A3					24.03.2010		
4	0003	HY7161094429		ZSUD	F70	WASHER SEALING 33X39X2						
		4.000	EA	0.001								
HY7161094-00-00-01		01	CSN029310		A1					24.03.2010		
3	0017	11631111357-08		HALB	F30	STANDPIPE CONN. 2"						
		2.000	EA	3.710			11631111357-08			00		
						1.000		x		24.03.2010		
N15, FOR NOZZLE CONFIG. REFER VAR 17 OF					DRG. 11631011267							
4	0001	AA1049355296		ZROH	F70	PIPE(SMLS) 60.3X 8.74 CS SA106 GR B						
LENGTH =280.000												
MM	2.000	0.560	M	3.111								
AA10455		09			A3					24.03.2010		
					MA BY QC & LLOYDS							
4	0003	HY1041870060		ZROH	F70	PLT BQ 8 VCD						
D=125.000												
MM	2.000	1.542	KG	0.771								
HY10470		06			A3					24.03.2010		
					MA BY QC & LLOYDS							
3	0018	HE9791003033		ZSUD	F	3/4" BAR PLUG CS						
		2.000	EA	0.300								
HE91003V03			SA516/70 (VCD)							24.03.2010		
ON HYDROTEST BLANKING PLATE FOR N3,N13												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
3	0019	HE9791003025		ZSUD	F	1/2" BAR PLUG CS (SA105)						
		1.000	EA	0.200								
HE91003V02-SA105			SA105							24.03.2010		
ON HYDROTEST BLANKING PLATE FOR N22												
3	0050	D21631000014				WELDING DETAILS AND WPS NOS.						
		1.000	ST									
		02								24.03.2010		
WELD DETAILS & WPS NOS.												
3	0060	D11631011267				NOZZLE ATTACHMENT DETAILS						
		1.000	ST									
		00								24.03.2010		
NOZZLE ASSLY. DETAILS												
1	0102	AA7246101144		ZSUD	F70	FLANGE SOW CS 10" CL 150 RAISED FACE						
		4.000	EA	17.000								
AA7246101-01-01		01	ANSI B16.5		A1					21.02.2011		
FOR N9C-N9F												
1	0103	HY7240364062		ZSUD	F	NAB M.S.W. GASKET SIZE 10" #150 GRPH						
		4.000	EA	0.300								
HY7240364		00	GRAPHITE		A1					21.02.2011		
FOR N9C-N9F												
1	0104	HY7142198362		ZSUD	F70	STUD 2 NUTS M22X150						
		48.000	EA	0.698								
HY7142198-04		04	ASTM:A193B7/1942H		A1					21.02.2011		
FOR N9C-N9F												
1	0105	HY7240365093		ZSUD	F	NAB M.S.W. GASKET SIZE 8" #300 GRPH						
		4.000	EA	0.200								
HY7240365		00	GRAPHITE		A1					21.02.2011		
FOR N9C-N9F												

PART LIST-MATERIAL BOM

H.Material	BOM ST	Plant	Header Desc	Base Qty(EA)	
T31631111961-00A	01	P006	500 MW DEAERATOR ST.TANK ASSLY (SEC-I)	1	
Net Wt(KG)	Created by	Created on	Changed on	Drq no	Drq Rev
23,952.000	HEEDEASH	15.02.2011		31631111961-00	00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drq no			Drq Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks					Technology Remarks							
1	0106	AA7246106103		ZSUD	F70	FLANGE SOW CS 4" CL 300 RAISED FACE						
		1.000	EA	10.000								
AA7246106-02		02	ANSI B 16.5		A1					21.02.2011		
FOR N23												
1	0107	HY7240363074		ZSUD	F	NAB M.S.W. GASKET SIZE 4" #300 PTFE						
		1.000	EA	0.080								
HY7240363		00	PTFE		A1					21.02.2011		
FOR N23												
1	0108	31631111653-03B		HALB	F30	BOTTOM PLATE (SLIDING SUPPORT)						
		1.000	EA	292.330			31631111653-03		00			
						1.000				15.02.2011		
2	0001	AA1011819155		ZROH	F70	PLATE 25 IS2062 GRE250(FE410W) QLTY-B						
RECTANGLE :500.000 X 3,000.000												
MM	1.000	294.375	KG	294.375								
AA10119		13			A1					01.02.2010		
1	0109	HY7142299479		ZSUD	F70	STUD 2 NUTS M42X3X300						
		4.000	EA	4.870								
HY7142299-04		04	ASTM A193B7/194 2H		A1					21.02.2011		
1	0110	HY7161096227		ZSUD	F70	WASHER MCD GAL 43-ST						
		8.000	EA	0.180								
HY7161096-00-00-01		01	IS2016 GAL ST		A1					21.02.2011		
1	0111	41631113965-03SC		HALB	F30	SS PLATE						
		2.000	EA	19.670			41631113965-03		00			
						1.000				15.02.2011		

H.Material

BOM ST

Plant

Header	Desc
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100	100

Base Qty(EA)

T3163111961-00A

01

P006

500 MW DEAERATOR_ST.TANK ASSLY

1

Net Wt (KG)

Created by

Created on

Changed on

Drg no

Drg

23,952.000

HEEDEASH

15.02.2011

31631111961-00

00

Lvl	Pos No	Item	Material No	Mat type	SPK	Description						
RM Size												
RMS unit	RM pieces	Qty in MU	Qty Unit	Net Wt(kg)			Drg no			Drg Rev		
Spec No		SR ev	Matl.Std		Insp agency	Base Qty	Com srp	Ph id	Spr Ind	Valid from		
Engineering Remarks						Technology Remarks						
2	0001	HY1071886010		ZROH	F70	PLT SS 5 TP304L						
RECTANGLE :250.000 X 2,000.000												
MM	2.000	40.000		KG	20.000							
HY10786		00				A1				01.06.2010		
1	0113	AA1049355083		ZROH	F70	PIPE(SMLS)- 21.3 X3.73 CS SA106 GR B						
LENGTH =1,000.000												
MM	1.000	1.000		M	1.600							
AA10455		09				A1				21.02.2011		
FOR N19												
1	0114	AA7501468583		ZSUD	F70	GLOBE VALVE CS 1/2" CL 800 SW ENDS						
		1.000		EA	1.600							
AA7501468-00		00	BS:5352			A1				21.02.2011		
FOR N19												