



# BILL OF MATERIAL

DEPT	NO OF	TYPE OF PRODUCT	BOM													REV	03	VER	04
	ITM	VAR	CUSTOMER / PROJECT	1	4	6	3	5	2	5	0	0	2	7					
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE OLTC PIPE WORK ASSY										SHEET 1 OF 8				

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						MAT CODE	MAT SPEC		
REMARKS							UNIT WT	QTY	GS	ZONE		
0	0	0	001			001	BRACKET FOR AUX. CONS. MTG.	7				
10 Tk x 150 x 225 lg							AA1011808072	AA10108	NA	KG		
TO DETAIL							2.6		NA			
0	0	0	001			002	BRACKET FOR AUX. CONS. MTG	7				
10 Tk x 150 x 559 lg							AA1011808072	AA10108	NA	KG		
TO DETAIL							6.5		NA			
0	0	0	001			003	300 DIA AUX.CON.S.ASSY.	5	14994050000			00
L1=481							34		NA			
0	0	0	001			004	BLANKING OF AUX.CON.S. ASSY.	5	14994050000			01
N1=1L=40							3.5		NA			
0	0	0	003			008	25 N.B. PIPE ASSY.(MK-108)	5	34995100009			01
B=100							0.24		NA			

PREP BY: RASHAM LAL	CHKD BY: S K SHRIVAS	APPD BY: SHREYANSH JAIN	REV	03
10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7 VER 04

DISTRIBUTION (DEPT & QTY) ( STATUS: -Approved )



# BILL OF MATERIAL

DEPT	NO OF	TYPE OF PRODUCT	BOM															REV	03	VER	04	
	ITM	VAR	CUSTOMER / PROJECT	1	4	6	3	5	2	5	0	0	2	7								
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO										TITLE OLTC PIPE WORK ASSY					SHEET 2 OF 8			

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR																																																																																																																																																																												
03	02	01	00						MAT CODE	MAT SPEC			A/C	UM																																																																																																																																																																										
REMARKS							UNIT WT	QTY	GS	ZONE																																																																																																																																																																														
0	0	0	008			009	25 N.B. VALVE													JS9006272560			NA	NO								3			NA		0	0	0	010			010	MARKING PAD	7												5 Tk x 20 x 90 lg	AA1011808013	AA10108	NA	KG								SEE DETAIL-X & NOTE -7.	0.1		NA		0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA	
							JS9006272560			NA	NO								3			NA		0	0	0	010			010	MARKING PAD	7												5 Tk x 20 x 90 lg	AA1011808013	AA10108	NA	KG								SEE DETAIL-X & NOTE -7.	0.1		NA		0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA														
							3			NA		0	0	0	010			010	MARKING PAD	7												5 Tk x 20 x 90 lg	AA1011808013	AA10108	NA	KG								SEE DETAIL-X & NOTE -7.	0.1		NA		0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																										
0	0	0	010			010	MARKING PAD	7												5 Tk x 20 x 90 lg	AA1011808013	AA10108	NA	KG								SEE DETAIL-X & NOTE -7.	0.1		NA		0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																						
							5 Tk x 20 x 90 lg	AA1011808013	AA10108	NA	KG								SEE DETAIL-X & NOTE -7.	0.1		NA		0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																			
							SEE DETAIL-X & NOTE -7.	0.1		NA		0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																															
0	0	0	002			011	15 N.B. GASKET FITTING.			34594700003		04											NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																											
										NA									0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																																								
							0.3			NA		0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																																																				
0	0	0	025			012	25 N.B. GASKET FITTING.			34594700003		05											NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																																																																
										NA									0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																																																																													
							0.4			NA		0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																																																																																									
0	0	0	001			013	25 N.B. PIPE ASSY.(MK-101)	5		34995100009		01											NA									B=800	2.6		NA																																																																																																																																																					
										NA									B=800	2.6		NA																																																																																																																																																																		
							B=800	2.6		NA																																																																																																																																																																														

PREP BY: RASHAM LAL	CHKD BY: S K SHRIVAS	APPD BY: SHREYANSH JAIN	REV	03
10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7
			VER	04

DISTRIBUTION (DEPT & QTY) ( STATUS: -Approved )



# BILL OF MATERIAL

DEPT	NO OF	TYPE OF PRODUCT	BOM														REV	03	VER	04		
	ITM	VAR	CUSTOMER / PROJECT																			
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE OLTC PIPE WORK ASSY														SHEET 3 OF 8			

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						MAT CODE	MAT SPEC		
REMARKS							UNIT WT	QTY	GS	ZONE		
0	0	0	001			014	25 N.B. PIPE ASSY.(MK-102)	5	34995100009			01
											NA	
B=2500								9			NA	
0	0	0	001			015	25 N.B. PIPE ASSY.(MK-103)	5	34995100009			01
											NA	
B=3500								7.2			NA	
0	0	0	001			016	25 N.B. PIPE ASSY.(mK-104)	5	34995100009			01
											NA	
B=600								1.2			NA	
0	0	0	002			017	25 N.B. PIPE CONNECTION	5	34995100009			03
											NA	
								0.7			NA	
0	0	0	001			018	25 N.B. PIPE ASSY.(MK-105)	5	34995100009			01
											NA	
B=3300								7.2			NA	

PREP BY: RASHAM LAL	CHKD BY: S K SHRIVAS	APPD BY: SHREYANSH JAIN	REV	03
10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7
			VER	04

DISTRIBUTION (DEPT & QTY) ( STATUS: -Approved )



# BILL OF MATERIAL

DEPT	NO OF	TYPE OF PRODUCT	BOM													REV	03	VER	04		
	ITM	VAR	CUSTOMER / PROJECT																		
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE OLTC PIPE WORK ASSY													SHEET 4 OF 8			

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						MAT CODE	MAT SPEC		
REMARKS							UNIT WT	QTY	GS	ZONE		
0	0	0	001			020	15 N.B. PIPE ASSY.(MK-106)	5	34995100009			00
											NA	
A=3000								7.7			NA	
0	0	0	009			021	25 N.B. CLIP & MTG.	5	34995150009			02
											NA	
								0.25			NA	
0	0	0	003			022	15 N.B. CLIP & MTG.		34995100014			02
											NA	
								0.25			NA	
0	0	0	001			023	25 N.B. PIPE ASSY.(MK-107)	5	34995100009			01
											NA	
B=3200								6.7			NA	
0	0	0	001			024	RIB FOR AUX. CONS. MTG.	7				
8 Tk x 225 x 544 lg								AA1011808056	AA10108		NA	KG
TO DETAIL								0.4			NA	

PREP BY: RASHAM LAL	CHKD BY: S K SHRIVAS	APPD BY: SHREYANSH JAIN	REV	03
10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7 VER 04

DISTRIBUTION (DEPT & QTY) (STATUS: -Approved)



# BILL OF MATERIAL

DEPT	NO OF	TYPE OF PRODUCT	BOM															REV	03	VER	04		
	ITM	VAR	CUSTOMER / PROJECT																				
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE OLTC PIPE WORK ASSY															SHEET 5 OF 8			

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						MAT CODE	MAT SPEC		
REMARKS							UNIT WT	QTY	GS	ZONE		
0	0	0	001			025	25 N.B. PIPE ASSY.(MK-109)	5	34995100009			01
											NA	
B=2200								6.1			NA	
0	0	0	004			026	FASTENING ARRGT. M-12	5	44999650003			00
											NA	
L=50								0.2			NA	
0	0	0	004			027	FASTENING ARRGT. M-12	5	44999650003			00
											NA	
L=65								0.15			NA	
0	0	0	001			028	BREATHER	6				
								NA			NA	
P.I. NO. 140603455 IT.002								0			NA	
0	0	0	001			029	M.S. TUBE (MK-110)	7				
15 NB x 480 lg								AA1011052288	AA10152		NA	MR
SEE DETAIL-B								0.58			NA	

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10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7 VER 04

DISTRIBUTION (DEPT & QTY) ( STATUS: -Approved )



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DEPT	NO OF	TYPE OF PRODUCT	BOM										REV	03	VER	04		
	ITM	VAR	CUSTOMER / PROJECT	1	4	6	3	5	2	5	0	0	2	7				
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE OLTC PIPE WORK ASSY										SHEET 6 OF 8			

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						MAT CODE	MAT SPEC		
REMARKS							UNIT WT	QTY	GS	ZONE		
0	0	0	001			030	FLANGE 15 NB					
							BP9006005010			NA	NO	
SEE DETAIL-B							0.15			NA		
0	0	0	001			031	FLANGE BSP	7				
8 Tk x 22 x 115 lg							AA1011808137	AA10108		NA	KG	
TO DETAIL (WELD ON IT.029)							1.204			NA		
0	0	0	004			032	FASTENING ARRGT. M-12	5	44999650003			01
L=65							0.04			NA		
0	0	0	001			033	CORD GASKET	7				
8 OD x 200 lg							BP5984407611	AA59807		NA	MR	
							0.06			NA		
0	0	0	001			034	GASKET	7				
6 Tk x 22 ID x 115 OD							AA5981702052	AA59802		NA	M2	
TO DETAIL (FOR BREATHER FLANGE MTG.)							0.04			NA		

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DEPT	NO OF	TYPE OF PRODUCT	BOM													REV	03	VER	04
	ITM	VAR	CUSTOMER / PROJECT	1	4	6	3	5	2	5	0	0	2	7					
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE OLTC PIPE WORK ASSY										SHEET 7 OF 8				

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						MAT CODE	MAT SPEC		
REMARKS							UNIT WT	QTY	GS	ZONE		
0	0	0	001			035	25 NB BUCHHOLZ RELAY					
							BP9006035590			NA	NO	
							10			NA		
0	0	0	001			036	25 N.B. PIPE ASSY.(mK-111)	5	34995100009			01
										NA		
B=135 ( TO DETAIL) AT ONE END USE IT.039							0.4			NA		
0	0	0	001			037	25 N.B. PIPE ASSY.(mK-112)	5	34995100009			01
										NA		
B=600 ( TO DETAIL) AT ONE END USE IT.039							0.6			NA		
0	0	0	003			038	EQUILAIZING PIPE ARRGT. FOR OLTC		44635250000			00
										NA		
							10			NA		
0	0	0	002			039	FLANGE	7				
12 Tk x 76 x 76 lg							AA1011808099	AA10108		NA	KG	
TO DETAIL							0.4			NA		

PREP BY: RASHAM LAL	CHKD BY: S K SHRIVAS	APPD BY: SHREYANSH JAIN	REV	03
10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7
			VER	04

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DEPT	NO OF	TYPE OF PRODUCT		BOM												REV	03	VER	04
	ITM	VAR	CUSTOMER / PROJECT	1	4	6	3	5	2	5	0	0	2	7					
Jhansi	40600	40	1	3 PH 220KV CLASS ABOVE 100MVA AUTO			TITLE OLTC PIPE WORK ASSY								SHEET 8 OF 8				

VAR NO & VAR QTY				DU	VAR	ITM NO	DESCRIPTION	S	DRG NO		ITEM	VAR
03	02	01	00						SIZE			
REMARKS							UNIT WT		QTY		GS	ZONE
0	0	0	002			040	GASKET	7				
							6 Tk x 76 x 76 lg	AA5981702052	AA59802	NA	M2	
TO DETAIL								0.05		NA		

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10/07/20	25/08/20	25/08/20	BOM	1 4 6 3 5 2 5 0 0 2 7
			VER	04

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