



BILL OF MATERIAL

DEPT	NO OF	TYPE OF PRODUCT		BOM												REV	02	VER	02
	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 1 OF 12		

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	TOP TANK BODY		14631650018			00
											NA	
								9461.4			NA	
0	0	0	0			002	TOP TANK COVER ASSY.		14631850013			00
											NA	
							SEE W.O.	2346			NA	
0	0	0	004			003	LIFTING BOLLARD ASSY.		24631650024			00
											NA	
								359.7			NA	
0	0	0	005			004	BOX STIFFENER	5	14991550015		001	
											NA	
							A=2522 DEV_W=790 T=10, B=350,C=240	140.8			NA	
0	0	0	005			005	BOX STIFFENER	5	14991550015		001	
											NA	
							A=2548 DEV_W=790 T=10, B=350, C=240	143.1			NA	

PREP BY: GAJENDRA SINGH	CHKD BY: S K SHRIVAS	APPD BY: SHREYANSH JAIN	REV	02
16/07/20	11/08/20	11/08/20	BOM	0 4 6 3 1 6 5 0 0 3 2 VER 02

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



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DEPT	NO OF	TYPE OF PRODUCT	BOM												REV	02	VER	02	
	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 2 OF 12		

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			006	BOX STIFFENER	5	14991550015		001	
											NA	
A=2668 DEV_W=790 T=10, B=350, C=240							150.1			NA		
0	0	0	027			007	COVERING PLATE	5	44581500008		001	
											NA	
A=330 B=328 T=10, C=10							8.5			NA		
0	0	0	001			008	BOX STIFFENER	5	14991550015		003	
											NA	
A=1732 DEV_W=790 T=10, B=350, C=240							96.6			NA		
0	0	0	001			009	BOX STIFFENER	5	14991550015		001	
											NA	
A=2548 DEV_W=830 T=10, B=390, C=240							150.6			NA		
0	0	0	003			010	BOX STIFFENER	5	14991550015		003	
											NA	
A=1532 DEV_W=830 T=10, B=390, C=240							87.8			NA		

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 3 OF 12		

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	005			011	COVERING PLATE	5	44581500008		001	
											NA	
A=370 B=328 T=10, C=10							9.526			NA		
0	0	0	002			012	STIFFENER BSP	7				
16 Tk x 150 x 2200 lg							AA1011808110	AA10108		NA	KG	
							41.4			NA		
0	0	0	002			013	STIFFENER BSP	7				
16 Tk x 100 x 2200 lg							AA1011808110	AA10108		NA	KG	
							27.6			NA		
0	0	0	005			014	PAD FOR WIRING SUPPORT	4	34996550001		008	
											NA	
							0.315			NA		
0	0	0	004			016	BOX STIFFENER	5	14991550015		003	
											NA	
A=1756 DEV_W=790 T=10, C=240, B=350							98.3			NA		

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 4 OF 12		

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	010			017	PAD FOR POLARITY DISC		44991500006	001		
										NA		
								0.3		NA		
0	0	0	040			018	BOSS M-16 FOR WALL BARRIER					
								BP9006039990		NA	NO	
								0.15		NA		
0	0	0	005			019	PAD BSP (WELD INSIDE TANK)	7				
							10 Tk x 70 x 150 lg	AA1011808072	AA10108	NA	KG	
							TO DETAIL	0.825		NA		
0	0	0	002			020	PAD BSP	7				
							12 Tk x 50 x 100 lg	AA1011808099	AA10108	NA	KG	
							TO DETAIL (WELD INDIDE TANK)	0.47		NA		
0	0	0	001			021	SEATING FOR 150 NB VALVE	4	14991500004			06
										NA		
							FOR FIRE FITTING	9.65		NA		

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	ITM	VAR	CUSTOMER / PROJECT	0 4 6 3 1 6 5 0 0 3 2															
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO			TITLE TOP TANK ASSY.					SHEET 5 OF 12							

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	003			022	PAD FOR INSPECTION COVER	5	24991800006			02
										NA		
(360 X 460) FIG-2							19.5			NA		
0	0	0	002			023	RIB BSP	7				
12 Tk x 150 x 535 lg							AA1011808099	AA10108		NA	KG	
							7.555			NA		
0	0	0	004			024	RIB BSP	7				
12 Tk x 150 x 560 lg							AA1011808099	AA10108		NA	KG	
							7.92			NA		
0	0	0	004			025	PAD FOR LV & HVN TURRET MTG.	5	34992150000			00
HOLE AT BOTH SIDE NOT REQD.										NA		
A=430 B=540,C=500,Q=18 DEGREE,E=460,N=20,M=12							15			NA		
0	0	0	001			026	SEATING FOR 25 NB VALVE	4	14991500004			11
										NA		
FOR SAMPLING							1.45			NA		

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 6 OF 12		

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			027	SEATING FOR 50 NB VALVE	4	14991500004			12
											NA	
								2.5			NA	
0	0	0	001			028	PAD FOR SIGNAL BOX OF PNT FIRE SYSTEM	7				
							10 Tk x 210 x 320 lg	AA1011808072	AA10108		NA	KG
								4.8			NA	
0	0	0	001			030	PAD FOR COMPANY MONOGRAM MTG	4	24991500003		022	
											NA	
								13.4			NA	
0	0	0	040			031	RIB BSP	7				
							10 TK X 100 X 125 LG	AA1011808072	AA10108		NA	KG
							TO DETAIL	0.5			NA	
0	0	0	001			032	PAD FOR NAME PLATE (HINDI)	4	24991500003		017	
											NA	
								7			NA	

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 7 OF 12		

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			033	PAD FOR NAME PLATE (ENGLISH)	4	24991500003	008		
										NA		
								8.2		NA		
0	0	0	001			034	PAD FOR OIL FILLING INSTRUCTION PLATE	4	44991950000			00
										NA		
								6.3		NA		
0	0	0	002			036	PAD FOR R & D AND V.S. PLATE	4	44621550000			00
										NA		
								9.5		NA		
0	0	0	004			037	PAD FOR INSPECTION COVER	5	24991800006			02
										NA		
							(360 X 460) FIG-2	15.4		NA		
0	0	0	003			038	PAD FOR INSPECTION COVER	5	24991800006			00
										NA		
							(430 x 590) FIG-2	19.5		NA		

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	ITM	VAR	CUSTOMER / PROJECT															
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.										SHEET 8 OF 12			

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			039	PAD FOR M.D. UNIT	7				
10 Tk x 550 x 620 lg							AA1011808072	AA10108		NA	KG	
TO DETAIL FOR M.D. UNIT							26.8			NA		
0	0	0	001			040	PLATE B.S.P.	7				
10 Tk x 75 x 550 lg							AA1011808072	AA10108		NA	KG	
FOR IT. 039							3.2			NA		
0	0	0	001			041	PAD FOR BEVEL GEAR	7				
20 Tk x 200 x 200 lg							AA1011808137	AA10108		NA	KG	
TO DETAIL							6.3			NA		
0	0	0	001			042	PLATE BSP	7				
10 Tk x 315 x 550 lg							AA1011808072	AA10108		NA	KG	
FOR IT. 039							13.6			NA		
0	0	0	004			043	LASHING LUG	4	44991500009		001	
											NA	
							8.8			NA		

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 9 OF 12		

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	004			044	BOSS M-16 FOR N2 GAS					
								BP9006039990			NA	NO
FOR N2 GAS								0.2			NA	
0	0	0	003			045	PAD FOR 25 NB PIPE					
								BP9006042970			NA	NO
								0.1			NA	
0	0	0	009			046	PAD FOR 25 NB PIPE	4	44991950022	005		
											NA	
								0.2			NA	
0	0	0	003			048	PAD LADDER MTG.	5	14991550015	019		
											NA	
E=70 T=10								0.3			NA	
0	0	0	003			049	PAD LADDER MTG.	5	14991550015	019		
											NA	
E=310 T=10								1.2			NA	

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16/07/20	11/08/20	11/08/20	BOM	0 4 6 3 1 6 5 0 0 3 2 VER 02

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.												SHEET 10 OF 12		

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	002			050	RIB BSP	7				
							12 Tk x 150 x 330 lg	AA1011808099	AA10108	NA	KG	
								4.6		NA		
0	0	0	002			051	RIB BSP	7				
							16 Tk x 520 x 800 lg	AA1011808110	AA10108	NA	KG	
							TO DETAIL	25.2		NA		
0	0	0	001			052	BOX STIFENER	7				
							10 Tk x 520 x 790 lg	AA1011808072	AA10108	NA	KG	
							TO DETAIL	32.24		NA		
0	0	0	001			053	BOX STIFENER	7				
							10 Tk x 790 x 575 lg	AA1011808072	AA10108	NA	KG	
							TO DETAIL	35.65		NA		
0	0	0	001			054	BOX STIFENER	7				
							10 Tk x 640 x 790 lg	AA1011808072	AA10108	NA	KG	
							TO DETAIL	39		NA		

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	ITM	VAR	CUSTOMER / PROJECT																
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO	TITLE TOP TANK ASSY.											SHEET 11 OF 12			

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	003			055	COVER PLATE BSP	5	44581500008		001	
							A=375 B=310 T=10, C=10	9.2			NA	
0	0	0	002			059	PAD FOR NEURAL GROUND	7				
							20 Tk x 216 OD	AA1011808137	AA10108		NA	KG
							TO DETAIL	5.7			NA	
0	0	0	024			060	PAD FOR CABLE TRAY	4	34996550001		008	
											NA	
								0.02			NA	
0	0	0	002			061	PAD FOR FIBRE OPTIC TEM. MONITORING	7				
							16 TK X 50 X 418 LG	AA1011808110	AA10108		NA	KG
							TO DETAIL	1.96			NA	
0	0	0	001			062	PAD FOR SHOCK RECORDER	4	44991500012		001	
											NA	
								3.8			NA	

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	ITM	VAR	CUSTOMER / PROJECT													REV	02	VER	02				
Jhansi	79400	65	1	3 PH 220KV CLASS ABOVE 100MVA AUTO												TITLE TOP TANK ASSY.				SHEET 12 OF 12			

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	006			063	LOCKING PAD	7				
							40 Tk x 100 x 200 lg	AA1011808196	AA10108	NA	KG	
TO DETAIL							6.2			NA		
0	0	0	012			064	RIB FOR LOCKING PAD	7				
							16 Tk x 200 x 220 lg	AA1011808110	AA10108	NA	KG	
TO DETAIL							7.2			NA		
0	0	0	002			065	SEATING FOR VALVE 25 NB	5	14991500004			11
										NA		
							1.45			NA		

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16/07/20	11/08/20	11/08/20	BOM	0 4 6 3 1 6 5 0 0 3 2
			VER	02

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