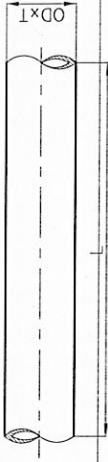


FIRST ANGLE PROJECTION (ALL DIMENSIONS ARE IN MILLIMETRES)

COOLING WATER PIPE (COATED INSIDE WITH PU COATING)
ORDERING QTY. AND DATA FOR BELLARY #3,1X700MW

MATERIAL SPECN. - IS: 3589
(PGMA: 80-468)



VAR. No.		D.U. No.		PIPE SIZE (ODxI)		L LENGTH PER SET /PIECE		No. OF SET/PIECE		TOTAL QTY		WEIGHT (KG)		MATERIAL CODE		REMARKS	
TOTAL WEIGHT = 1915907.940 Kg																	
00	01	009	PIPE	ø3544	X 22 (UG)	30 M	1	30 M	1	30 M	57330.000	15 938 719 00UG	7 TO 12.5 M				
00	02	010	PIPE	ø3544	X 22 (UG)	11 M	1	11 M	1	11 M	21021.000	15 938 719 00UG	7 TO 12.5 M				
00	03	011	PIPE	ø3544	X 22 (UG)	52 M	1	52 M	1	52 M	99372.000	15 938 719 00UG	7 TO 12.5 M				
00	04	012	PIPE	ø3544	X 22 (UG)	10 M	1	10 M	1	10 M	19110.000	15 938 719 00UG	7 TO 12.5 M				
00	05	013	PIPE	ø3544	X 22 (UG)	120 M	1	120 M	1	120 M	229320.000	15 938 719 00UG	7 TO 12.5 M				
00	06	014	PIPE	ø3544	X 22 (UG)	120 M	1	120 M	1	120 M	229320.000	15 938 719 00UG	7 TO 12.5 M				
00	07	015	PIPE	ø3544	X 22 (UG)	158 M	1	158 M	1	158 M	301938.000	15 938 719 00UG	7 TO 12.5 M				
00	08	016	PIPE	ø3544	X 22 (UG)	158 M	1	158 M	1	158 M	301938.000	15 938 719 00UG	7 TO 12.5 M				
00	09	017	PIPE	ø3544	X 22 (UG)	37 M	1	37 M	1	37 M	70707.000	15 938 719 00UG	7 TO 12.5 M				
00	10	018	PIPE	ø3544	X 22 (UG)	37 M	1	37 M	1	37 M	70707.000	15 938 719 00UG	7 TO 12.5 M				
00	11	019	PIPE	ø3544	X 22 (UG)	15 M	1	15 M	1	15 M	28665.000	15 938 719 00UG	7 TO 12.5 M				
00	12	020	PIPE	ø3544	X 22 (UG)	15 M	1	15 M	1	15 M	28665.000	15 938 719 00UG	7 TO 12.5 M				
00	13	021	PIPE	ø3544	X 22 (UG)	27 M	1	27 M	1	27 M	51597.000	15 938 719 00UG	7 TO 12.5 M				
00	14	022	PIPE	ø3544	X 22 (UG)	39 M	1	39 M	1	39 M	74529.000	15 938 719 00UG	7 TO 12.5 M				
00	15	023	PIPE	ø3544	X 22 (UG)	53 M	1	53 M	1	53 M	101283.000	15 938 719 00UG	7 TO 12.5 M				
00	16	024	PIPE	ø3544	X 22 (UG)	53 M	1	53 M	1	53 M	101283.000	15 938 719 00UG	7 TO 12.5 M				
00	17	025	PIPE	ø3544	X 22 (UG)	21 M	1	21 M	1	21 M	40131.000	15 938 719 00UG	7 TO 12.5 M				
00	18	026	PIPE	ø3544	X 22 (UG)	18 M	1	18 M	1	18 M	34398.000	15 938 719 00UG	7 TO 12.5 M				
00	19	027	PIPE	ø3544	X 22 (UG)	20 M	1	20 M	1	20 M	38220.000	15 938 719 00UG	7 TO 12.5 M				
										994 M	1899534.000						
20	25	033	PIPE	ø1016	X 10 (UG)	7 M	2 NOS.	14 M	1	14 M	1736.630	15 011 098 0000	3-80-468-30281				
21	26	034	PIPE	ø1016	X 10 (UG)	11 M	1 NO.	11 M	1	11 M	2728.990	15 011 098 0000	3-80-468-30281				
22	27	035	PIPE	ø1016	X 10 (UG)	10.5 M	2 NOS.	21 M	1	21 M	5209.890	15 011 098 0000	3-80-468-30281				
23	28	036	PIPE	ø1016	X 10 (UG)	10 M	2 NOS.	20 M	1	20 M	4961.800	15 011 098 0000	3-80-468-30281				
										66 M	16373.940						

REF DRG NO

VAR. No.		D.U. No.		PIPE SIZE (ODxI)		L LENGTH PER SET /PIECE		No. OF SET/PIECE		TOTAL QTY		WEIGHT (KG)		MATERIAL CODE		REMARKS	
TOTAL WEIGHT IN NS-2= 300234.268 Kg																	
02	24	010	PIPE	ø3544	X 22 (UG)	150 M	1	150 M	1	150 M	286650.000	15 938 719 00UG	7 TO 12.5 M				
02	25	011	PIPE	ø1016	X 10 (UG)	11 M	4	44 M	4	44 M	10914.640	15 011 098 0000	3-80-468-30281				
02	26	013	PIPE	ø914	X 12 (UG)	5 M	2	10 M	2	10 M	2669.628	15 942 110 0000	3-80-468-30903				

NOTES:-

- LENGTH 'L' INDICATES TOTAL LENGTH OF EACH DU. WHEREVER THE LENGTH OF EACH DU EXCEEDS 12.5M, THE SUPPLY CAN BE MADE AS ONE SET (DESIRED LENGTH OF EACH PIECE AS INDICATED IN REMARKS COLUMN)
- EACH PIECE OF PIPE SHALL BE SUPPLIED WITH BEVEL ENDS AS PER DRG. NO. 4-80-999-93079
 - EDGE PREPARATION FOR PIPE OD3544X22 IS FIG 'A' : d1=3530.0
 - EDGE PREPARATION FOR PIPE OD1016X10 IS STYLE 'D' : d1=996.0
 - EDGE PREPARATION FOR PIPE OD914X12 IS STYLE 'D' : d1=894.0

3. COATING:-

- INSIDE SURFACE OF THE PIPE SHALL BE COATED WITH PU COATING AS PER SPECIFICATION PC:E:PU:001
- OUTSIDE SURFACE SHALL BE PAINTED AS APPLICABLE FOR U/G PIPING OR O/C PIPING AS PER QP No. 7149:QPC:12
- FOR COATING NEAR BEVEL ENDS REFER DRG. NO. 4-80-468-75616
- SPIDER ARRANGEMENT TO BE PROVIDED AT PIPE ENDS AS PER DRG. NO. 4-80-999-93078
- APPLICABLE TDG FOR PIPES TDG:07

DEPT ENGG CODE		GRADE OF UNTOOL DIM C/M/P		SCALE N:1S		WEIGHT (KG)		REF DRG. NO.	
BRIHAT HEAVY ELECTRICALS LIMITED		R. BHARATH		SIGN		DATE		ITEM No.	
CHD		APMK		APMK		06.08.12		VAR.	
APPD		APMK		APMK		06.08.12		06.08.12	
TITLE		CARD CODE		PC DRG. NO.		PEV		02	
COOLING WATER PIPING ORDERING QTY. & DATA-1		C 01		3-80-468-29719					