

DATA OF THERMAL INSULATION FOR TURBINE INTEGRAL PIPING

DOC.NO. TSE-Z2-21-01

REV.0

DATE: 13/09/2012

250 MW STEAM TURBINE PIPING

SL. NO.	SYSTEM DESCRIPTION	O.D. OF PIPE (MM)	HOT FACE TEMP. (DEG.C)	APPROX. LENGTH (M)	VALVES IN LINE		PIPE FITTINGS		
					NOS	SIZE NB (MM)	FLANGES (NOS)	BENDS (NOS)	ELBOWS (NOS)
SEAL STEAM									
01		21.3	200	12	-	-	-	2	-
02		26.9	470	88	-	-	-	22	-
03		33.4	200	30	-	-	1	7	-
04		33.4	470	85	-	-	-	21	-
05		60.3	470	16	-	-	-	-	4
06		73	330	30	3	65	-	-	2
07		88.9	330	35	-	-	2	-	17
08		88.9	460	5	-	-	-	-	2
09		114.3	100	42	3	-	3	-	16
10		114.3	330	49	-	-	-	-	24
11		114.3	500	15	-	-	-	-	3
12		141	330	25	3	125	-	-	12
13		168.3	200	20	7	150	-	-	12
14		168.3	330	13	1	150	1	-	14
15		168.3	460	16	-	-	-	-	6
16		219.1	200	2	-	-	-	-	-
17		219.1	330	20	1	200	2	-	3
18		219.1	460	5	-	-	2	-	3
19		273	200	60	-	-	-	-	-
20		273	330	18	1	250	-	-	7
21		323.9	330	11	2	300	-	-	6
22		508	330	3	1	400	-	-	-
TURBINE DRAINAGE SYSTEM									
01		33.4	400	170	-	-	-	28	-
02		33.4	535	100	18	25	-	16	-

PREPARED BY
(S.K.GUPTA)

APPROVED BY
(V.K.GUPTA)

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					NOS	SIZE NB (MM)	FLANGES (NOS)	BENDS (NOS)	ELBOWS (NOS)
03		48.3	535	85	6	40	-	14	-
04		60.3	535	90	10	50	-	14	-
05		73	345	32	-	-	-	6	-
06		168.3	500	2	-	-	-	-	-
07		323.9	200	4	-	-	-	-	-
08		323.9	500	4	-	-	-	-	1
09		610	450	15	-	-	-	-	2

THIS BOM MAY VARY BY +/- 5%.

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