

	Project :	ROURKELA PP-II EXPANSION (1 x 250MW)	Document No.	PY-AD-4-M087-8315-06
			REV	00
	Package :	Fire Protection & Detection System	Page	1 of 2

17.05.17	00	INITIAL SUBMISSION	--	AMIT	MNSR
Date	Rev	Description of Revision	ALT	CHD	APPD
CUSTOMER: 		NTPC-SAIL POWER COMPANY (P) LIMITED			
CONSULTANT 		MECON LIMITED			
CONTRACTOR:  		BHARAT HEAVY ELECTRICALS LTD PROJECT ENGINEERING & SYSTEMS DIVISION, HYDERABAD			
Doc. No		PY-AD-4-M087-8315-06			Rev: 00
PACKAGE		FIRE PROTECTION & DETECTION SYSTEM			
TITLE		DATA SHEET OF CAST IRON GATE VALVE			
PREPARED BY		SUMANT		14.05.2017	
CHECKED BY		AMIT		16.05.2017	
APPROVED BY		MNSR		17.05.2017	



TECHNICAL DATA SHEET OF CAST IRON GATE VALVE

1. Type : Rising Spindle type
2. Size : 50 NB & Above
3. Service : 50 NB & Above
4. Code and Standard : IS: 14846
5. Rating : IS: 14846
6. Working Pressure : 10.5 kg/cm²
7. Design Pressure : 11.5 Kg./cm²
8. Test Pressure
 - a. Body : 24 Kg./cm² (for 5min)
 - b. Seat : 16 Kg./cm² (for 2min)
9. Material of Construction
 - a. Body : CI to IS: 210, Gr. FG-260
 - b. Bonnet : CI to IS: 210, Gr. FG-260
 - c. Wedge/Disc : CI to IS: 210, Gr. FG-260
 - d. Stem : SS to ASTM A-276, Type 410
 - e. Bolts : CS to IS: 1363
 - f. Nuts : CS to IS: 1363
 - g. Gaskets : Rubber conforming to IS:638 Type-B
 - h. End Connections : Flanged
 - i. Gland : CI to IS: 210, Gr. FG-260
 - j. Gland Packing : Jute & Hemp as per IS5414
 - k. Hinge Pin : NA
10. Inspection : As per approved QAP
11. Quantity : As per approved BOQ/Drg.