

	Project :	ROURKELA PP-II EXPANSION (1 x 250MW)	Document No.	PY-AD-4-M087-8315-10
			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-M087-8315-10			Rev: 00
PACKAGE		FIRE PROTECTION & DETECTION SYSTEM			
TITLE		DATA SHEET OF Y - TYPE STRAINER			
PREPARED BY		SUMANT		14.05.2017	
CHECKED BY		AMIT		16.05.2017	
APPROVED BY		MNSR		17.05.2017	



TECHNICAL DATASHEET OF Y- TYPE STRAINER

- | | | |
|-------------------------------|---|--|
| 1. Service | : | Fire Water |
| 2. Size | : | 150 NB/100 NB/80 NB |
| 3. Working Pressure | : | 8.8 Kg/cm ² (g) |
| 4. Design Pressure | : | 10.6 Kg/cm ² (g) |
| 5. Design Temperature | : | 50° C |
| 6. Design Code | : | ASME Sec.VIII,DIV-1 |
| 7. Corrosion allowance | : | 2 mm |
| 8. Filter Rating | : | 30 Mesh with 30 SWG |
| 9. Screen area ratio | : | 6:1 |
| 10. Max. Permissible Pr. Drop | | |
| a) Clean condition | : | 1.5 MWC |
| b) 50% Clogged Condition | : | 2.5 MWC |
| 11. Material of construction | | |
| a) Body | : | MS, IS:3589 / MS, IS:1239,Part-I |
| b) Filter medium | : | SS-316 |
| c) In/Out Nozzle | : | IS 1239,Part-I |
| d) Gaskets | : | Rubber |
| 12. End Connection | : | IS 2062 GrB, Flanged to ANSI B16.5, 150#, FF |
| 13. Hydrostatic Test Pressure | : | 16.0 Kg/cm ² (g) |