

BHEL

ANNEXURE-II A

Scrubber Datasheet

DESIGN DATA/CALCULATION FOR SCRUBBER VESSEL

A. DESIGN DATA

1. DESIGN CODE :
2. RADIOGRAPHY :
3. JOINT EFFICIENCY :
4. CORROSION ALLOWANCE : 3 mm
5. DIA.OF VESSEL :
6. T/L TO T/L DISTANCE OF VESSELS :
7. NO.OF CYCLONES :
8. DIMENSIONS OF CYCLONE :
9. MAX. PR. DROP ACROSS SCRUBBER(∇):

10. OPERATING PRESSURE[Kg/cm2(g)]

- i. NORMAL :
- ii. MINIMUM :
- iii. MAXIMUM :
- iv. MECH.DESIGN PRE. :

11. OPERATING TEMPARATURES(DEG C)

- i. NORMAL :
- ii. MINIMUM :
- iii. MAXIMUM :
- iv. DESIGN TEMP. :

12. FLOW (NM3/HR)

- i. NORMAL :
- ii. MINIMUM :
- iii. MAXIMUM :
- iv. DESIGN FLOW:

B. MATERIAL OF CONSTRUCTION:

Sl. No.	Description	Construction	Permissible Stress [kg/cm2(g)]
a)	SHELL		
b)	DISHED END		
c)	NOZZLE/SUMP		
d)	PIPE CAP		
e)	CYCLONES		

NOTES:

☐ DEVIATION ☐ NO DEVIATION

VENDORS SIGNATURES WITH SEAL

BHEL FORMAT NO: PEMC-1041, REV.00		PO NO:				
		PACKAGE NAME: GAS CONDITIONING SYSTEM				
 BHARAT HEAVY ELECTRICALS LIMITED PROJECT ENGINEERING DIVISION RC PURAM - HYDERABAD -32	PACKAGE VENDOR :		DATE	PREP	CHKD	APPD
	PROJECT :		VENDOR DOC.NO:			REV.
	CUSTOMER :					
			SHEET 01 OF 04			