

BHEL

ANNEXURE-II B

Filter Separator Datasheet

DESIGN DATA/CALCULATION FOR FILTER SEPARATOR 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. TYPE OF SEPARATOR: VANE TYPE
8. NO.OF FILTER ELEMENTS :
9. CLEAN PR. DROP ACROSS FILTER SEPARATOR($\sqrt{V}$):
10. CHANGE OVER PR. DROP ACROSS FILTER SEPARATOR($\sqrt{V}$):
11. COLLAPSIBLE PR. DROP ACROSS FILTER SEPARATOR($\sqrt{V}$):

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

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

13. OPERATING TEMPARATURES(DEG C)

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

14. 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)	FILTER ELEMENTS		
f)	VANE SEPARATOR		
g)	DAVIT ASSEMBLY		

NOTES:

☐ DEVIATION ☐ NO DEVIATION

VENDORS SIGNATURES WITH SEAL

BHEL FORMAT NO: PEMC-1042, REV.00		PO NO:				
		PACKAGE NAME: GAS CONDITIONING SYSTEM				
 BHARAT HEAVY ELECTRICALS LIMTIED PROJECT ENGINEERING DIVISION RC PURAM - HYDERABAD -32	PACKAGE VENDOR :	DATE	PREP	CHKD	APPD	
	PROJECT :	VENDOR DOC.NO:			REV.	
	CUSTOMER :					
		SHEET 01 OF 04				