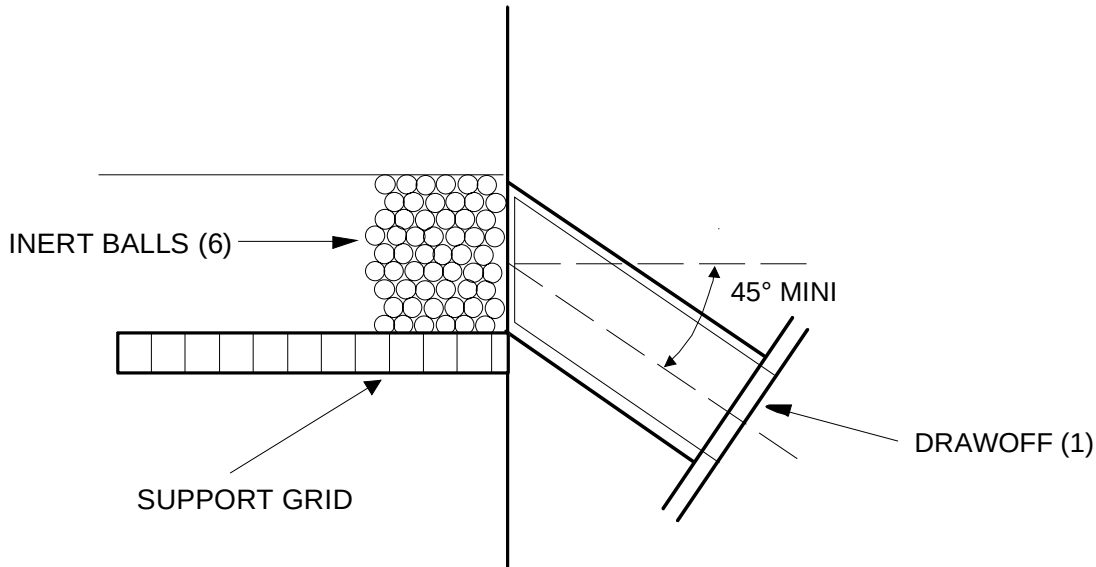


VESSEL

CLIENT	BCPL	VESSEL	JOB N°	8692Y	Rev
LOCATION	LEPETKATA - INDIA		SECTION	FPU	
UNIT	220 kta LLDPE / HDPE		ITEM	117-VV-941 A/B	
			No. OFF	2	
			SERVICE	BUTENE 1 / HEXENE 1 TREATERS	
			PAGE	2/3	

DETAIL 1 - ADSORBENT DRAWOFF



PROCESS NOTES

- Complete with plug insert to ensure flush fitting with cylindrical shell.
- Adsorbent supply:
Above adsorbent: 0.09 m³ of inert balls (Denstone D-57 ½" or equivalent).
Adsorbent: 3.24 m³ AZ300 molecular sieve or equivalent.
Below adsorbent: 0.09 m³ of inert balls (0.06 m³ of Denstone D-57 1/8" above 0.03 m³ of Denstone D-57 ¼" or equivalent)
- DELETED.
- Elevation to allow easy emptying of adsorbents from bottom withdrawal nozzle.
- S.S. 20 mesh grid (0.85 mm opening).
- Denstone 57 or equivalent. Ball size to be given by adsorbent Vendor.
- Detail Engineering to ensure that total ΔP from flange to flange is lower than 0.1 kg/cm².
- Spaced 180°C apart in plan view around circumference.

REV.	XA	0	1						
DATE	Feb 09	Aug 09	Sept 09						
BY	MG	MG	MG						
CHECKED BY	FB	FB	FB						

BLANK SHEET

CLIENT	BCPL	VESSEL	JOB N°	8692Y	Rev
LOCATION	LEPETKATA - INDIA		SECTION	FPU	
UNIT	220 kta LLDPE / HDPE		ITEM	117-VV-941 A/B	
			No. OFF	2	
			SERVICE	BUTENE 1 / HEXENE 1 TREATERS	
			PAGE	3/3	

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MECHANICAL NOTES

A. Johnson screen grid type or equivalent (see note 7).

B. Slotted distributor.
Distributor SS 304L Ø150 mm with 10 slots (6.5 mm width and 100 mm height) laterally and 5 holes (3 mm diameter) on bottom (arranged crosswise).

REV.	XA	0	1						
DATE	Feb 09	Aug 09	Sept 09						
BY	MG	MG	MG						
CHECKED BY	FB	FB	FB						

BLANK SHEET