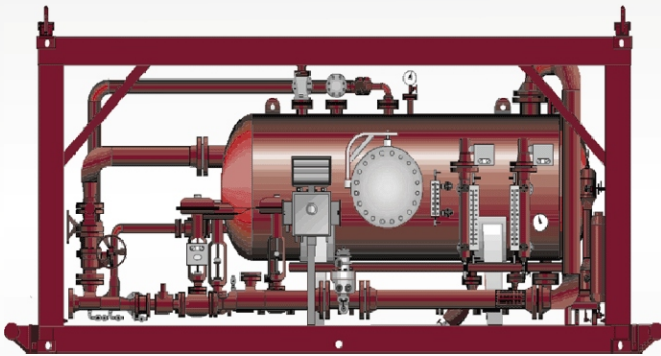




Hydrocarbon Resources Development Co (P) Ltd

Contact :

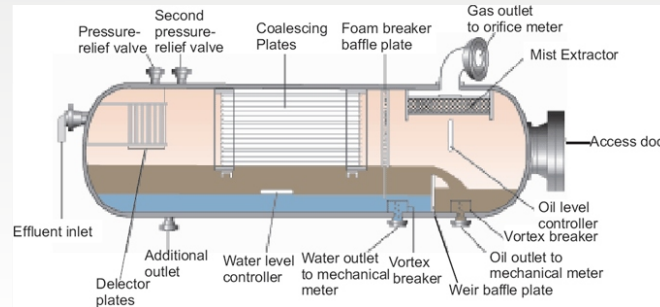
4123, D-Wing, Oberoi Garden Estates,
Chandivalli, Andheri (East),
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Horizontal well testing separator is designed to separate and measure the gas, oil and water produced from a well. This separator can be used in well testing and to clean up new completions or stimulated wells. The horizontal test separator is a self contained unit with the valves and pneumatic controls needed to regulate the pressure and fluid levels. The redundant safety design incorporates a pre-set relief valve and rupture disc.

Features and Benefits:

- ▶ Accurately determines oil, gas and water volumes
- ▶ Can be used in a wide range of applications such as low or high-volume wells and corrosive or sweet wells
- ▶ Is compact for quick installation
- ▶ Eliminate shutdowns by allowing more bypass options.
- ▶ High efficiency mist extractor vanes for reduced liquid carry over



Separate, meter and sample all phases of effluents/ranging from gas, gas condensate, light oil, heavy oil, foaming oil as well as oily water and water with suspended particles.

Technical Specifications:

We are manufacturing separator of Class 150 to Class 900 with size and flow handling capacity as per client requirements along with all necessary instrumentation for effective pressure and level control, PSV.



Technical Specifications:

		150 Class	300 Class	600 Class	900 Class
1	Max. operating Pressure	285 psig	740 psig	1480 psig	2220 psig
2	Max. operating Temperature	55 deg C	55 deg C	55 deg C	55 deg C
3	Flow Handling Capacity	As per client requirement	As per client requirement	As per client requirement	As per client requirement
4	Residence time	3 min	3 min	3 min	3 min
5	Tentative Size	Depend upon flow handling capacity	Depend upon flow handling capacity	Depend upon flow handling capacity	Depend upon flow handling capacity
6	Insulation required	NO	NO	NO	NO
7	Mechanical Design criteria	Design data Design pressure: 30 kg/cm ² Design Temp: 55 ^o C	Design data Design pressure: 78 kg/cm ² Design Temp: 55 ^o C	Design data Design pressure: 156 kg/cm ² Design Temp: 55 ^o C	Design data Design pressure: 235 kg/cm ² Design Temp: 55 ^o C
8	Internals	Vortex breaker, Mesh type demister	Vortex breaker, Mesh type demister	Vortex breaker, Mesh type demister	Vortex breaker, Mesh type demister
9	Instrumentation	All necessary instrumentation for effective pressure and level controls, PSV	All necessary instrumentation for effective pressure and level controls, PSV	All necessary instrumentation for effective pressure and level controls, PSV	All necessary instrumentation for effective pressure and level controls, PSV
10	Material of construction	Shell : IS 2062 Gr B Pipe : A-106 Gr B Demister : SS-316	Shell : IS 2062 Gr B Pipe : A-106 Gr B Demister : SS-316	Shell : IS 2062 Gr B Pipe : A-106 Gr B Demister : SS-316	Shell : IS 2062 Gr B Pipe : A-106 Gr B Demister : SS-316