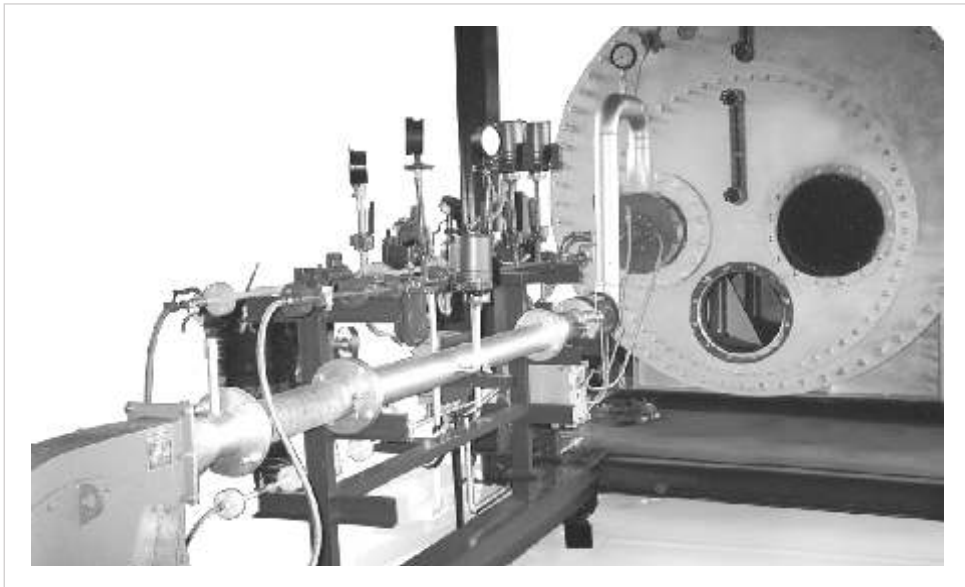


Production And Testing Equipment

▣ Indirect Water Bath Heater

Sparklet make water bath heater is capable of heating up to 10,000 BPD of Hydrocarbon oil with gas upto 60 MM SCFD from 0° C to 70° C for DE Waxing and further processing of Crude. The maximum heat transfer is 2 MM BTU / HR.

The Water Bath Heater has Process Fluid coils, carrying the hydrocarbon oil with gas in & out of the Water Bath with choke & manifold for flow control & bypass of oil. The coiled tubes have a capacity to with stand a pressure off 6000 psi. Equipment Design as per API 12 K



SHOP TEST OF BURNER SYSTEM WITH INDIRECT WATER BATH HEATER

Burner System

The Bath Heater uses Diesel Oil as fuel with Natural Gas / LPG for ignition. Burner used are of International standard makes. The burner system has in line Spark Arrestor and Stack at the end of the Fire Tube Outlet.

Manifold

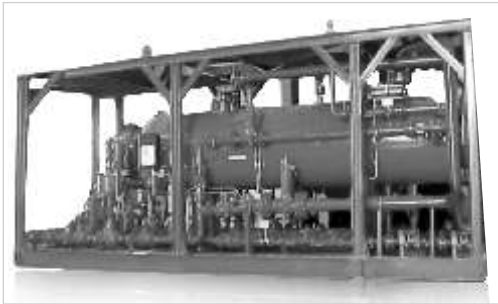
The unit is installed with API 6A upto 10 K Gate Valves and Chokes. By pass manifold provided for efficient flow control.

Instrumentation

The Bath Heater comes complete with all Instrumentations and valves, pressure and temperature Gauges, pressure switches, Level indicators, etc.

❖ 3 Phase Test Separator

The 3-phase horizontal well testing separator is designed to separate and measures the gas, oil, and water produced from a well.



3 PHASE PRODUCTION SEPARATOR 1440 PSI

CHARACTERISTIC OF SPARKLET MAKE THREE PHASE SKID MOUNTED SEPARATOR PRESSURE RATING 600 PSI & 1440 PSI

Nominal Capacity

- Gas: UPTO 60 MMSCFD at 1440 psi & low liquid Level
- Liquid: UPTO 6650 BPD with 1 mn retention time & low liquid level.

Vessel sizing

- Maximum 42" ID X 10' SEAM TO SEAM

Metering

- Gas Orifice Fittings 6" ASA 600 #
- Oil 3" Flow Meter
- Water 2" Flow Meter

Safety Devices

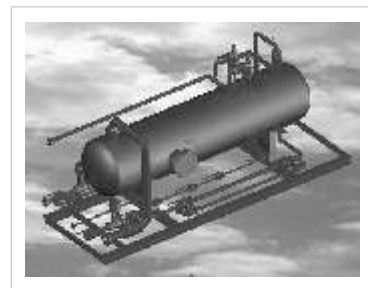
- Safety relief valves
- 1 Rupture Disc
- By Pass Manifold on Oil & Gas Line

Connections

- Inlet 3"
- Gas Outlet 3"
- Oil outlet 2"
- Water Outlet 2"

Oil Field Type Skid

- Heavy-duty frame
- Racks for piping
- Top Protection Sheet
- Lifting Lugs



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❖ For more information contact us

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