

Sand filter Specs

JCI Sand filter vessel is designed for 150 E3M3/Day of gas and 180 M3/Day of fluid.

10" Vertical 600 Ansi vessel, PSV rated for 1440 Psi, Sour service.

Alta screen filter.

Three transmitters all ranged at 0 – 6000 Kpa. One downstream of choke, one upstream of sand filter and one downstream of filter for differential across filter which is calculated by a Roc 107.

MVS mounted to a 3" McCrometer V-cone meter, flow calculated by Roc 107.

Flow control is done with a Willis M10 inline choke, 1500 Ansi, RTJ, ½" beans. Actuator is controlled by a Fisher 6200 DVC positioner. Downstream of Choke Valve rated for 1440 PSI.

High/Low pilot setup CVS 7970's downstream of choke with high pressure ESD pump and ESD solenoid. Pump to be tied into ESD valve mounted on well-head. Pilots range is 0 – 10000 Psi.

RTU Cabinet: Through wall to provide heat for 4 batteries in cabinet. ROC 107 with Proface HMI. 3 x 20amp 24 VDC Sun Saver solar controllers for charging of batteries. Spec methanol pump installed in building, controller in RTU. Through wall Battery box with an additional 4 batteries.

500 Gallon double wall methanol tank mounted outside on skid, c/w sight gauge.

2x 12 Volt Catadyne heaters mounted on wall in building, one 24 x 24 and one 12 x 24, both fueled by 6" fuel gas scrubber on floor in corner.

Set of proving taps added for verification of flow rates.

Net safety gas detection, 1 LEL and 1 H2S Head.

24 Volt LED lighting with push button and timer.