

Gas Conditioning & Regulating Skid

Client : Gujarat Gas Company Ltd.



PROCESS CONDITION

Flow :	3200 ~ 60,000 SCMD.
Filtration Efficiency :	100% for solid & droplet removal 5 micron
Temperature :	0 to 50°C
Inlet Pressure :	10 to 85 Barg.
Controlled Pressure :	7 - 10 Barg.
Line Size :	Inlet : 4" X 600# Outlet : 4" X 150#

Station Design as per IGE-TD-13

Piping Design as per ASME code B 31.8 for Gas Transmission and Distribution Piping System

MAJOR EQUIPMENTS

- Vertical Dry Gas Filter Separator Designed as per Section VIII, Div.1.
- Slam Shut Valves - Tartarini, Emerson Make
- Regulators – Tartarini – FL Series
- Ultrasonic Meter – Emerson Make
- Gauges, Transmitters – Wika and Emerson Make

DESIGN DESCRIPTION

Twin stream, Working Monitor configuration, Working-standby stream system, Creep relief in the downstream, Ultrasonic Flow Metering and Flow Control were an integral part of the skid. The instruments on the skid were connected to a Flow Computer and RTU configurable to SCADA network of client.