

Gas Conditioning & Regulating Skid

Client : Adani Energy Ltd.



PROCESS CONDITION

Flow :	150 SCM/H
Filtration Efficiency :	100% for solid & droplet removal 5 micron
Temperature :	0 to 50°C
Inlet Pressure :	19 to 26 Barg
Controlled Pressure :	1.5 Barg
Line Size :	Inlet : 1.5" X 300# Outlet : 2" 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 Designed as per Section VIII, Div.1.
- Slam Shut Valves Tartarini – BM5 Series
- Regulators –Fisher Make – EZR Series
- Safety Valves – Sebim Valves
- Gauges – Pressure and Differential Pressure Gauges

DESIGN DESCRIPTION

Single stream, Wide-open Monitor configuration, Creep relief in the downstream, Enclosed in a thick lockable cabinet with glass windows for easy visibility of the meter, supported on approx. 0.5 mtr. Leg supports for easy installation and access for maintenance

Gas Conditioning & Regulating Filter

Client : GSPC Gas Company Ltd.



PROCESS CONDITION

Flow :	250, 500 & 750 SCMH
Filtration Efficiency :	100% for solid & droplet removal 5 micron
Temperature :	0 to 50°C
Inlet Pressure :	19 to 25 Barg

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 Designed as per Section VIII, Div.1.
- Safety Valves – Mekaster Valves
- Gauges – Pressure and Differential Pressure Gauges