

E.01

Fuel Gas Systems

Introduction

The increasing focus on reducing emissions from Power Generation has seen increased demand for Gas Fired Power Stations.

SUEZ has a well established track record in the design and supply of these plants.

Applications

- Gas Turbine Power Plants
- Offshore Power Generation
- Cement Plants
- Utility Fuel and Instrument Gas Systems

System Components

SUEZ has a well-established track record in providing optimised Fuel Gas Treatment packages customised to each unique application that includes a combination of equipment such as:

- Emergency Shutdown Systems
- Knock-Out Drums
- Filter Coalescers
- Fiscal Gas Heaters
- Fuel Compression
- Pressure Reducing Stations
- Final Filters
- Condensate Handling Systems
- Vent & Flare Stacks
- Gas Storage Systems
- Process Control Systems

Engineering Services

- System Design & Integration
- Construction Supervision and Commissioning
- Plant Operation and Operator Training
- Plant Maintenance & Spare Parts



SUEZ – Oil & gas systems
(incorporating Process Group)

Australia - Korea - Middle East - Singapore - USA

www.processgroupintl.com

Represented by:



Fuel Gas Systems



Knock Out Drums

Using a range of Technologies:

- Mesh Type Demisters
- Hook Vane Demisters
- Axial Flow Cyclone Demisters



Filters & Filter Coalescers

Horizontal (High Capacity)
Vertical (Compact Layout)

Efficiency

Standard:
Liquids: 99.8% @ 1um
Solids: 99.8% @ 1um

High Efficiency
Liquids: 99.8% @ 0.3um
Solids: 99.8% @ 0.3um



Fiscal Metering Systems

Integrated Systems:

- Orifice Metering ISA5167/AGA 3
- Ultrasonic Metering AGA 9
- Turbine Metering
- Flow Computers
- Gas Chromatographs
- Supervisory Systems



Pressure Reducing Stations

- Slam Shut Valves
- Active/Monitor Regulator Systems
- Creep Relief Systems
- Flow Balancing & Integration

Flow rates from 10kg/h to 250,000kg/h

Pressures up to 135 barg