

## Z.01

## Capability & Resources

### Introduction

SUEZ is a leading supplier of process systems & complete process trains for a range of process industries, including:

- Oil & Gas Production,
- Oil Refining & Petrochemical,
- Power Generation,
- Coal Seam Methane Production,
- Industrial Gas Processing,
- Greenhouse Gas Abatement/Carbon Capture.

SUEZ creates solutions for its world-wide customers from facilities in Melbourne (Australia), Singapore and Abu Dhabi (UAE). Each facility is fully integrated with Sales, Design, Engineering and Fabrication capabilities.

Founded in 1978, SUEZ's success depends largely on a team of highly motivated, experienced professionals, who are committed to excellence in all aspects of project management & execution, including estimation, process, detailed engineering design, procurement, construction, fabrication & commissioning.

SUEZ's technical staff possesses a wide range of specialist disciplines with a long history in their respective fields, which provides significant depth to the organisation's skills and capabilities.

### Resources

#### Process Design

SUEZ uses the latest process simulation techniques to fully optimise plant process design, and to ensure correct evaluation of all required equipment operating parameters.

#### Detailed Design

Designing complex plant is an extremely difficult task when combining the many requirements of plant design, operability and safety, while still ensuring perfect integration with surrounding equipment.

SUEZ's engineers have years of experience in the design and construction of complex plant, which ensures optimal plant design and performance.



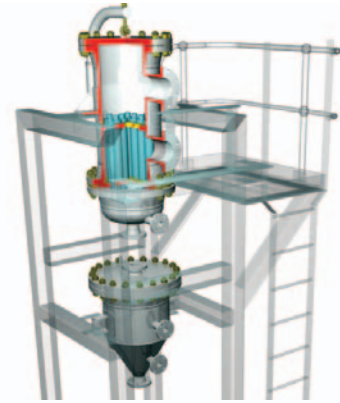
ENI Blacktip Gas Processing facility  
Location: Northern Territory, Australia

**SUEZ – Oil & gas systems**  
(incorporating Process Group)  
Australia - Korea - Middle East - Singapore - USA

[www.processgroupintl.com](http://www.processgroupintl.com)

Represented by:

## Capability & Resources



### Project Management

SUEZ's project team uses a hands-on approach to ensure that projects are closely monitored through every phase.

### Procurement, Expediting & Inspection

SUEZ recognises the value of a quality procurement system, and has established partnerships with selected suppliers with a proven track-record for delivering materials, equipment and services to consistently meet project requirements and delivery schedules.

### Fabrication

SUEZ operates fabrication facilities in Melbourne and Abu Dhabi. This provides excellent monitoring, control & interfacing with all staff involved in SUEZ built packaged plant & equipment.

Many of the equipment packages are also built in other countries to meet local content regulations, cost demands or client requirements. This involves extensive interfacing with remote fabricators and clients to ensure that quality and fabrication integrity are maintained.

This is accomplished by developing relationships with reliable fabricators, and a committed project engineering team with the skills to work in a wide range of cultural and environmental conditions.

### Quality Assurance

SUEZ's staff and Directors are committed to providing quality plant and equipment that is designed and constructed in accordance with project specifications, codes, standards and sound engineering practices. SUEZ has a well established track record in QA and is accredited to AS/NZS ISO-9001 by Lloyds Register.

### Package Equipment Range

SUEZ specialises in the supply of the following range of Plant, Equipment and Packages on either a complete EPC or Supply-only basis:

#### Separation (Oil/Gas/Water):

- HP/LP Separators
- Test Separators,
- Liquid/Liquid Coalescers,
- Slug Catchers.

#### Gas Conditioning:

- Scrubbers and Dry Gas filters,
- Fuel Gas Conditioning Systems,
- Pressure Reduction Systems,
- Gas Sweetening Plants
- Gas Dehydration Systems:
  - Glycol,
  - Molecular Sieve,
  - Solid Desiccant.

#### Gas Processing:

- LPG/NGL Recovery Systems,
- Mechanical Refrigeration Plants,
- Low Temperature Separation Units,
- Condensate Stabilisation Units.

#### Industrial Gas:

- Carbon Dioxide Recovery and Liquefaction,
- Gas Purification,
- Cryogenic Vaporisers,
- Gas Dehydration.

#### Water Treatment and Injection Systems:

- Produced Water Treatment Systems,
- Deoiler Hydrocyclones,
- Desander Hydrocyclones,
- Induced & Dissolved Gas Flotation Units,
- Nut Shell Filters,
- Activated Carbon Adsorption Units,
- Contact Deaeration and Vacuum Deaeration,
- Sea Water Injection Systems.

#### Solvent Recovery Systems:

- Pharmaceuticals plants,
- Mineral Processing,
- Metals production.

#### Heating Systems:

- Electric Immersion Heaters,
- Indirect Fired Water/Glycol or Salt Bath.

#### Heaters:

- Indirect Fired Heaters,
- Plate Heat Exchangers.

#### Ancillary Systems:

- Chemical Injection Packages,
- Metering Packages,
- Flare Systems,
- Pressure reduction systems.

#### Special Systems:

- Special process designs & equipment packages can be custom made to suit specific project requirements, e.g. pilot plants.
- Contact SUEZ if you have any special requirements.