



**SNC • LAVALIN**



Oil & Gas

# Building what matters

Gas processing and handling solutions



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The natural gas industry has grown exponentially in the last decade, bringing with it new challenges and technological advancements. But developing the right solutions requires more than just specialized equipment — it also calls for specialized knowledge and proven, regionally-specific experience. We are uniquely positioned to bring all three of these elements to bear on the toughest challenges in the business.

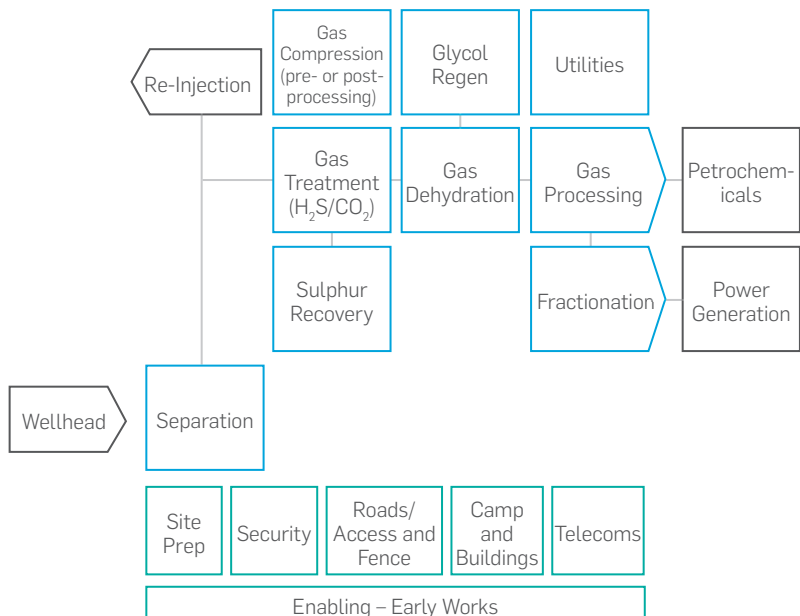
### End-to-end services

We provide complete, turnkey gas treatment, processing and handling solutions, from concept selection and FEED through to detailed engineering, procurement, equipment fabrication, construction, commissioning, and operations and maintenance. We also have expertise in rotating equipment specification, infrastructure design, and balance of plant engineering, thus streamlining project delivery and increasing value. Our proven capabilities and strong track record for turnkey gas projects ranging from large-scale facilities to modularized plants and equipment fabrication are why our clients continue to rely on us to deliver projects successfully.

### Our expertise

- > Lump sum turnkey facilities
- > Gathering systems
- > Sour gas/liquids treating and sulphur removal
- > Total gas field development
- > LPG/NGL recovery and fractionation
- > Cryogenics, deep cut ethane recovery
- > Compressor stations
- > Conventional, shale, tight and coal bed methane production and processing
- > Metering stations
- > Oil and water processing and treating
- > Pump stations
- > Pipeline/truck/barge/rail loading terminals
- > Pipelines, storage facilities and tank farms

### Our capabilities across the entire value chain



# Tailored solutions

Whether you require a custom, stick-built plant or modular speed to market is your main concern, we have the in-house capability to safely and reliably deliver to your specifications. We also have the financial strength to support a build-own-operate or build-own-maintain-transfer model if required.

Stick-built	Modularization		
Custom design	Custom design	Pre-engineered design	Equipment fabrication
<ul style="list-style-type: none"> <li>&gt; Designed to meet any product specifications</li> <li>&gt; Scalable up or down to any capacity</li> <li>&gt; Technology neutral</li> <li>&gt; Experience with key licensors</li> <li>&gt; Ability to provide utilities and infrastructure from the wellhead to product delivery based on site requirements</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Customized to meet product specifications</li> <li>&gt; Fabricated in controlled environment for improved quality and safety</li> <li>&gt; Reduced field work</li> <li>&gt; Skid-mounted equipment and piping</li> <li>&gt; Compact footprint</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Designed for plants from 10 mmscf/d to 200 mmscf/d</li> <li>&gt; Multiple train designs up to 450 mmscf/d</li> <li>&gt; Pre-engineered designs for quick delivery – limited FEED required</li> <li>&gt; Complete turnkey services</li> <li>&gt; Allows for ease of expansion</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Proven designs for production equipment, compression and treating</li> <li>&gt; Basin-specific solutions for well pads and central facilities</li> <li>&gt; In-house fabrication facilities and partners worldwide</li> <li>&gt; Select inventory available</li> </ul>



# Expertise at a glance



## Bin Omer & Artawi (Iraq)

**Client:** South Gas Company

**Services:** Pre-FEED and FEED (Front End Engineering and Design) for two standardized modular gas processing plants in Iraq of 400 mm/scfd capacity. Scope of work includes gas gathering, gas sweetening, sulphur recovery and NGL extraction and export.



## 150 mmscf/d Early Production Facility (Venezuela)

**Client:** Confidential

**Services:** EPC of a 150 mmscf/d simplified early production plant to enable processing of first gas from the Perla field in Venezuela. In conjunction with our local partner, we're using a high-value modularization design to deliver a fast-track project in less than 13 months.



## Saih Nihayda Gas Plant (Oman)

**Client:** Petroleum Development Oman

**Services:** Design, supply and installation of a 700 mmscf/d gas treatment plant and associated gas gathering facilities for the Expansion Phase 1 gas development project in central Oman, including commissioning, operational support for the first year and training.



## 200 mmscf/d Cryogenic Processing Plant (United States)

**Client:** Confidential

**Services:** In 17 months, we completed the total EPC turnkey project, providing full facility design and installation, including civil, structural, mechanical, electrical, construction, construction management, commissioning and start-up of the 200 mmscf/d cryogenic plant.



## Two 18,000 HP Compressor Stations (United States)

**Client:** Confidential

**Services:** Provided full EPC and commissioning for two turnkey compressor stations, including compression and production equipment. With weather-related deadlines, we were able to minimize direct and indirect construction hours through modularized equipment and piping skid designs.