



SNC • LAVALIN

35 MM Refrigerated JT Plant

Midstream Solutions

It's fast with installation and operations in half the time than a cryogenic plant. And it's efficient with up to 90% propane recovery.

The 35 MM RJT is designed to process 10 to 40 MMSCFD of natural gas and up to 4,5000 BPD of hydrocarbon liquids. The product from the plant will be a pipeline-quality natural gas and 200 psig TVP stabilized NGL with up to 90 percent propane recovery. The facility will mainly consist of Mechanical Refrigeration, JT, NGL Stabilization, Overhead Compression, Glycol Regeneration and HMO system.

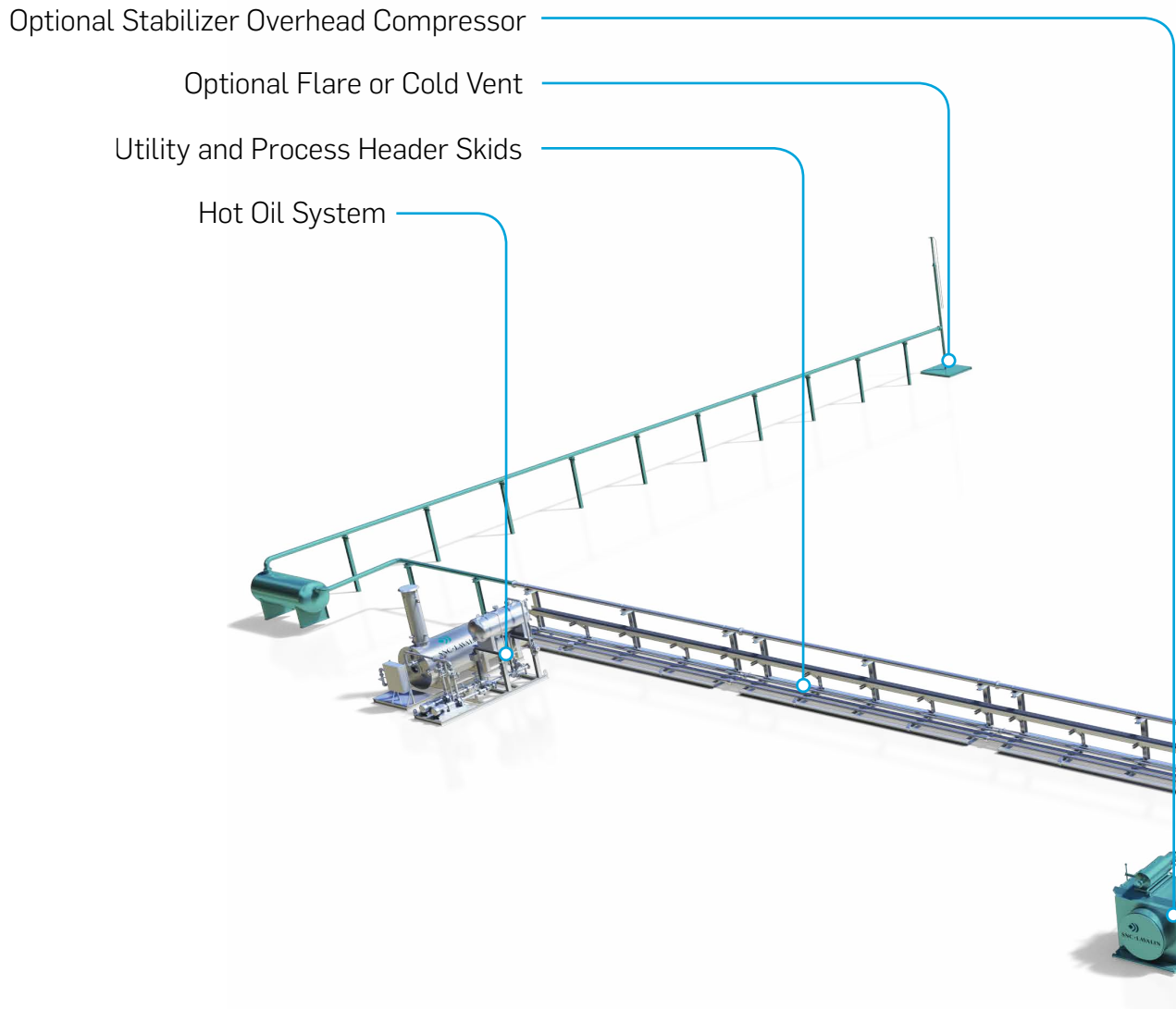
The design of the plant has been optimized to meet sales gas and NGL product specifications while minimizing utilities usage and ensuring trouble-free, low-maintenance operation. The plant can be operated either in refrigeration or refrigerated JT mode, depending on the customer's requirement.



Includes

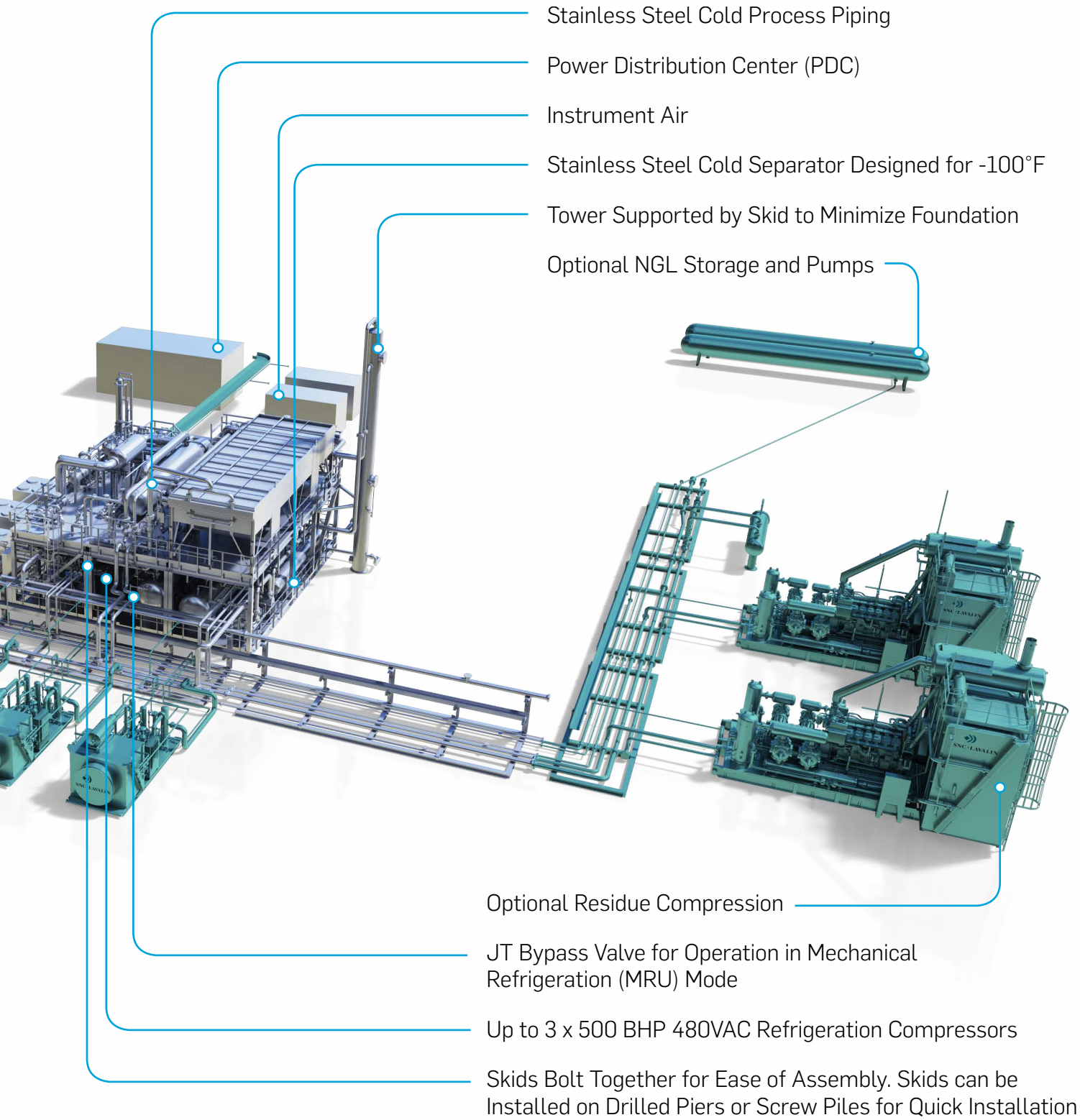
- > 3 x 500 BHP Refrigeration Compression
- > Power Distribution Center (PDC)
- > Stabilizer with Hot Oil Heater
- > Instrument Air
- > Stainless Steel Cold Separator and Process Piping
- > JT Bypass – Operates as an MRU or RJT for higher recoveries or changes in gas/market conditions
- > Includes PDC with MCC
- > Automated PLC Control System

35 MM Refrigerated JT Plant Installation Kit



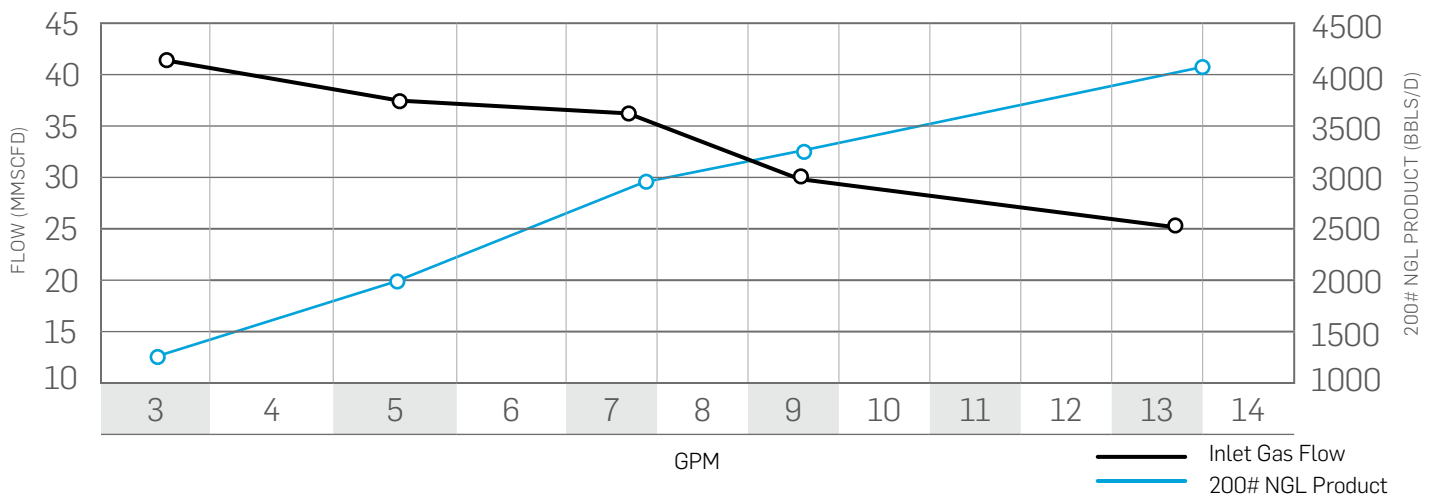
Options as Equipment Only or Full EPC

- > Installation
- > Inlet Compression
- > Residue Compression
- > Bullet tank storage
- > Truck loading (installed)
- > Flare
- > Wiring between PDC and refrigeration skid
- > Transportation, commissioning and startup services
- > Discharge coalescer
- > Power generation
- > Stabilizer Overhead Compression
- > Pipeline pumps





RJT Plant Capacity



RJT Performance Chart

Case	GPM	Gas Flow	200# NGL Product	Propane Recovery
1	3.18 GPM	41 MMscf/d	1239 BPD	63.9%
2	4.90 GPM	37 MMscf/d	1975 BPD	73.3%
3	7.28 GPM	35 MMscf/d	2989 BPD	78.3%
4	9.06 GPM	30 MMscf/d	3164 BPD	75.0%
5	13.30 GPM	25 MMscf/d	4096 BPD	84.7%

Founded in 1911, SNC-Lavalin is a global fully integrated professional services and project management company and a major player in the ownership of infrastructure. From offices around the world, SNC-Lavalin's employees are proud to build what matters. Our teams provide comprehensive end-to-end project solutions—including capital investment, consulting, design, engineering, construction management, sustaining capital and operations and maintenance - to clients across oil and gas, mining and metallurgy, infrastructure, clean power, nuclear and EDPM (engineering design and project management). On July 3, 2017, SNC-Lavalin acquired Atkins, one of the world's most respected design, engineering and project management consultancies, which has been integrated into our sectors.



SNC • LAVALIN



www.snclavalin.com/en/oil-gas/processing-treating