

LPG/NGL Plant

Feed Characteristics

Total Feed Rate to Processing Plant:	~25 MMscfd
Battery Limit Pressure - Design:	99.3 Barg
Battery Limit Pressure - Operating:	62.5 Barg min.
Battery Limit Temperature:	5 – 38 deg C

Product Specifications and Recoveries

Residual Gas – Transmission Line

Discharge Pressure:	41.6 Barg
Allowable Water Content:	11.2 kg/100,000SM3 maximum
Max HCDP:	-1 deg C (at all pressure to 45 Barg)

NGL Product

Reid Vapor Pressure	0.41 - 0.69 Bara
---------------------	------------------

LPG Product

95% Boiling Point:	2 deg C at 1 Bara
--------------------	-------------------

Propane Recovery: Min. 85% of feed recovered in Product Liquids

Butane Recovery: Min. 95% of feed recovered in Product Liquids

Pentanes and heavier: Min. 99% of feed recovered in Product Liquids

Major Components:

- Gas Inlet Unit (Inlet Manifold, Production Separator, Buffer Vessel, Test separator)
- Dehydration Unit
- Cryogenic Skid
- LPG Recovery Unit
- Refrigeration Unit
- Chilled Water System
- Hot Oil System
- De Ethanizer Compressor
- Regen Gas Compressor
- Sales Gas Metering
- LPG Metering Package
- Instrument Air Package
- Fuel Gas KO Skid
- Methanol Injection Skid
- LPG Bullets & LPG Export Pumps
- Flare Stack & Flare K O Drum
- Gas Power Generators
- MCC and Switch Gear Package
- 110 VDC & 24 VDC Power System
- Plant Control System (DCS)
- Fire and Gas System
- ESD System
- Plant Lighting System
- NGL Loading System
- Fire Water System