

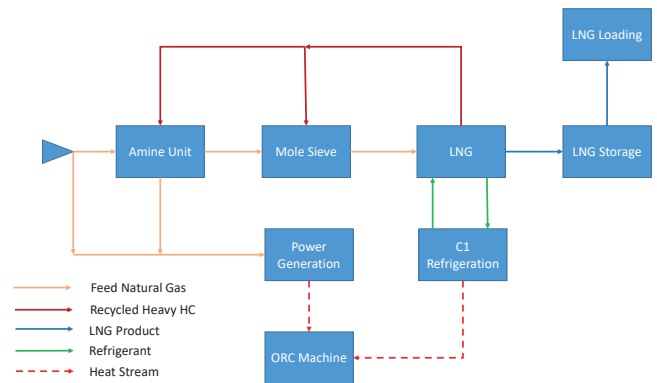
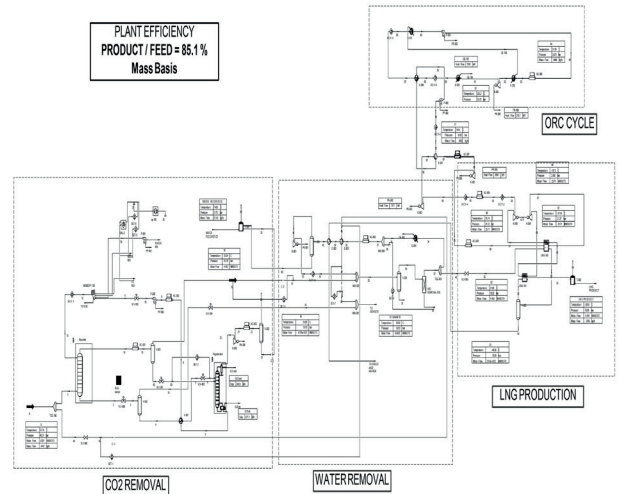


LIQUEFACTION AND CRYOGENICS

PROCESS SYSTEMS develops modular liquefaction plants for different types of liquified gas like LCO₂, LNG, and LH₂, based on a well-adjusted cryogenic process to the project of expansion cycles.

Thanks to a long history in the gas industry, we are developing turn-key complete MINI LNG plants including the feed pre-treatment, and liquefaction up to the storage system. By adopting an integrated energy recovery strategy in the whole unit, the maximum efficiency of the process is guaranteed at the end.

The supplied liquefaction units are built using high-quality and readily available parts to ensure that each plant operates at peak efficiency, exhibiting durability, longevity, and reliability.



LIQUEFACTION AND CRYOGENICS



PROCESS SYSTEMS modular design concept is applied to its liquefaction solutions, with a range of capacities from 0.5 TPD up to 50 TPD of targeted liquified product, fully assembled in owned workshops with main below Specification



Modular design and fast installation



Low emissions to the environment



Low energy consumption



Robust design for harsh conditions



Simple operation and low maintenance



Minimum utility demand

By combining our gas separation know-how and cryogenic expertise, we are providing LT gas fractionation solutions for the recovery of different gas cuts with a high-efficiency process for 2 MMSCFD of up to 200 MMSCFD of feed gas.



CONTACT US

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