

Chemical Production Engineering Services

These engineering services support chemical product manufacturing. The services encompass the production of alcohol, alkene, phenol, acid, aldehyde, ether, and benzene.



Overview

Comprehensive Chemical Production Engineering

This service provides full-scale engineering and construction solutions for the petroleum, petrochemical, and LNG industries. Expertise covers large-scale infrastructure including atmospheric-vacuum distillation, catalytic cracking, and hydrogenation refining. With a track record of over 500 major construction projects, the service ensures advanced technical implementation for oil and gas processing facilities globally.

Technical Capabilities

Cracking Furnace Specifications

- 40,000 tons/year
- 60,000 tons/year
- 100,000 tons/year
- 130,000 tons/year
- 150,000 tons/year

Core Processing Capabilities

Atmospheric-vacuum distillation, Continuous reforming, Catalytic cracking, Hydrogenation refining, Delayed coking, Ketone-benzol dewaxing

Infrastructure & Storage

Total Tank Capacity

5000000 m3

Total Storage Capacity

Facility Types Constructed

LNG Storage Tanks • Marine Terminals • Pipeline Stations • Class I Boilers • Oil Gathering Stations • Oil & Gas Reservoirs

Power & Utilities

Power Plant Infrastructure

Infrastructure Type	Capacity/Rating
Power Plant	100 MW
Power Plant	120 MW
Transformer Substation	110,000 V