Synthetic Ammonia, Methanol, and Di-methyl Ether Production Plant

This is a large-scale chemical plant designed for the production of synthetic ammonia, methanol, and dimethyl ether. The facility is equipped with advanced processing units and extensive material transport capabilities.

Project Overview

Large-Scale Coal-Based Chemical Production

This facility represents a significant advancement in industrial chemical processing, serving as the nation's first large-scale coal-based ammonia, alcohol, and ether joint production project. The plant is engineered for high-capacity output, integrating complex distillation and storage systems to efficiently produce synthetic ammonia, methanol, and dimethyl ether. It is designed to handle large-scale operations with robust infrastructure and extensive material transport capabilities.

Production Capacity

Synthetic Ammonia Capacity

300000 tons/year
Annual Output

Methanol Capacity

220000 tons/year
Annual Output

Dimethyl Ether Capacity

150000 mt/year
Annual Output

Project Timeline

Key Milestones

Milestone	Date
Contract Signing	April 2007
Mechanical Completion	August 2009

Service Scope

Service Content	EPC