

Unique Gas Bangpakong Terminal Upgrade Thailand Engineering Services

**Client**

Unique Gas & Petrochemicals Public Co., Ltd.

Project Name

Unique Gas Terminal FEED

Services Provider

Pöyry Energy Limited

Services

- Front end engineering design (FEED)
- Cost estimate services for civil, architectural, structural, mechanical and electrical works (Building Services)

Execution Period

Start June 2003
End February 2004

Project Description

Unique Gas Terminal FEED consists of two ship off loading and product bulk break terminals located in Bangpakong, Chonburi province. These facilities are to be refurbished in order to comply with state of the art technology and safety measures.

FEED of the storage terminal and filling plant at Bangpakong (LPG, Ammonia) is covered the following scope:

- Master plan and traffic in the plant
- Identification and Hazardous study
- Fire Fighting system
- Ship unloading Facility and fender system
- Rearrange piping facility and routing
- Revised PFD, PID
- Additional Gas sphere and bullet
- Electrical and lighting system
- Lighting and earthing system
- Customer calling and filling plant
- Work shop / Canteen / Cylinder filling station / Truck filling bay / Weigh bridge
- Structural and bund wall
- Assessment of piping system
- Budget cost for upgrade the terminal