



GHD Hydrocarbons Processing

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

Oil and gas accounts for more than fifty percent of the primary energy consumed in Australia and is also a major export industry. The industry converts naturally occurring raw materials (e.g. coal seam gas or crude oil) into finished products (e.g. LNG or gasoline). GHD's professionals can deliver the services to optimise your project outcomes.

Hydrocarbon Processing facilities handle products which are flammable and hazardous and often at elevated pressures and temperatures. We have a direct interest in the various aspects of process hazard management – pipeline risk assessments, HAZOP study, SIL/LOPA study, Consequence Modelling of hazardous incidents (e.g. gas dispersion and thermal radiation). Our activities include the revalidation of previously completed process hazard analysis studies.

Services

- Conceptual studies
- FEED & detailed design
- Process hazard management
- Project management
- EPCM services



Industries served

- Natural gas production & processing to sales gas quality
- Coal seam gas gathering, field compression & saline water disposal
- Unconventional gas development e.g. shale gas, mine ventilation gas
- High pressure gas transmission pipelines including compression facilities
- Gas metering & regulator stations
- Compressed Natural Gas (CNG) & Liquefied Natural Gas (LNG) facilities
- Crude oil production & refining
- Fuel storage terminals
- Alternative & renewable energy processes
- Biofuels, bioethanol & biodiesel
- Utility Systems

For further information, contact:

Pat Larkin

T 61 7 3316 3739

E pat.larkin@ghd.com

www.ghd.com