



GHD Chemicals

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

Oil and gas pipelines are the backbone of the energy industry in Australia. As the demand for these resources increases, particularly with the recent emergence of coal seam gas, gas-fired power stations and LNG prospects, so does the demand for pipelines and associated facilities to transport products from the field to the customer.

Community expectations demand that pipelines and facilities are designed and constructed in such a way that risk of harm to the public is minimised. Pipeline projects must be delivered with minimum impact on the environment and cultural heritage whilst providing a return on investment for owners. We are experienced in all phases of pipeline and facility design to AS2885 and other relevant national standards.

Services

- Conceptual planning and optimisation studies
- FEED & detailed design
- EPCM & project management services
- Project cost estimation, risk & integrity assessment
- Design life review & technical due diligence

Capabilities

- Gas transmission & distribution pipelines
- Compressor facilities
- Gas treatment facilities
- Gas metering & regulator stations
- Pig launchers & receivers
- Liquid product pumping stations
- Cathodic protection & corrosion monitoring
- Carbon Steel, HDPE and GRE piping design
- Power generation, SCADA
- Transient hydraulic modelling
- Stress & fatigue analysis
- Pipeline route selection and alignment

For further information, contact:

Peter Barnett

T 61 7 3316 3759

E peter.barnett@ghd.com

