



# **GHD** Oil and Gas - Materials Technology

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

## **Ageing facilities are a prevalent risk faced by asset owners and managers across industry.**

### **Our services include:**

#### **Investigation**

GHD's extensive experience means we understand the mechanics of the asset. We can confidently plan and implement condition assessments using appropriate destructive and non-destructive investigation methods.

#### **Deterioration modelling**

GHD's advanced in-house modelling software enables the forecasting of deterioration mechanisms.

#### **Life cycle costing**

GHD's knowledge of deterioration mechanisms, corrosion rates, remedial options, repair costs and maintenance schedules enables informed life cycle cost decisions.

#### **Durability**

GHD delivers philosophies which help optimise capital investment through design development, construction and asset maintenance phases.

Our services include repair works inspection and documentation, quality control compliance tests and site inspection of remedial works.

#### **Operational support**

GHD provides asset inspection audits and maintenance recommendations.

For further information, contact:  
[www.ghd.com/oil-gas](http://www.ghd.com/oil-gas)

