



## Who Are We?

**NRM Engineers** is a high-value engineering company providing CMMS Maintenance build support services to the energy and resource sectors in Western Australia.

Our team consists of highly motivated and skilled professional engineers with substantial technical knowledge and practical experience gained on numerous major energy and resource projects in Europe, Middle East, Asia and Australia.

## What Do We Do?

NRM specialises in reliability, integrity and asset maintenance with focus on minimising risk and reducing operating and maintenance costs.

Our services to asset maintenance includes:

- CMMS Maintenance Builds support
- Asset Register development and master equipment register build (MERB)
- Equipment criticality assessments and allocation of safety critical elements across maintainable items
- Development of Operational Performance Standards for safety and environmental critical elements
- Development of maintenance strategies using RCM, RBI, IPF, FMECA and RCA principles.
- Development of Maintenance Work Instructions (MWI) for Integrity Critical (ICMWI) and Non-Integrity Critical equipment
- Maintenance audit and strategy review
- Preventive Maintenance Optimisation (PMO).

## Our Experience

Our prior experience in Greenfield and Brownfield maintenance build projects in Western Australia includes:

- Development of ICMWIs/MWIs for Chevron Australia, Gorgon and Wheatstone Maintenance Operations from vendor materials, engineering drawings and company generic maintenance strategy documents.
- Align ICMWIs with appropriate company Operating Performance Standards
- Review ICMWI/MWIs to ensure technical accuracy and compliance to company operational performance standards, Generic Maintenance Strategies (GMS) and documentation standards.
- Management, coordination and reporting activities associated with development of MWIs, team performance and productivity
- Leading team of multi-disciplinary engineers (Mechanical, Electrical, Instrumentation & Control, HVAC and QMI) for development of technical documentation for Gorgon and Wheatstone maintenance build process
- Lead Transfield Worley Offshore Maintenance Engineering team to provide maintenance build for number of Woodside Brownfield projects, including North Rankin 2 (NR2) redevelopment and GWA-LPT Upgrade.



## Our Team

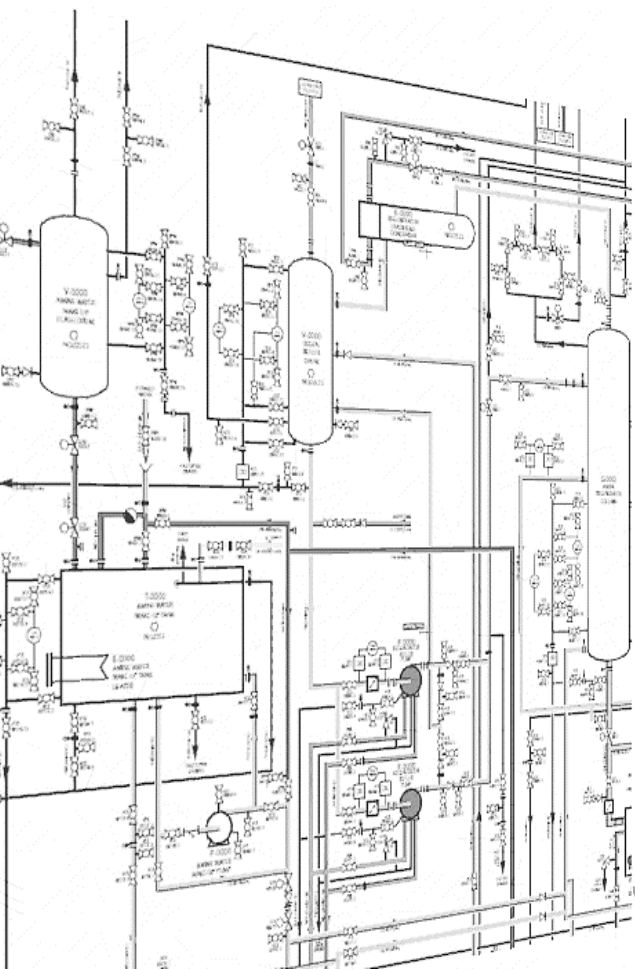
Our personnel have provided Operations/Maintenance and Reliability/Project Support in key roles to the following companies:

- Chevron Australia – Gorgon and Wheatstone Maintenance, Western Australia
- Worley Parsons, Western Australia
- Transfield Worley – Woodside Integrated Services, Western Australia
- Petronas Carigali Sdn. Bhd., Malaysia
- Alcoa World Alumina, Western Australia
- Western Power Corporation/SECWA – Electricity Generation, Western Australia
- Siemens, Germany
- DBP (Dampier to Bunbury Pipeline), Western Australia
- Petroleum Development of Oman, Oman
- Kuwait National Petroleum Ltd (KNPC Mina Abdulla Refinery), Kuwait
- Abu Dhabi Onshore Oil Operation (ADCO), Abu Dhabi.

Our teams are currently working on the development of maintenance work instructions for integrity critical and non-integrity critical equipment for onshore and offshore facilities of a major LNG operator in Western Australia.

## Strategy

Our marketing strategy is based solely on our proven capabilities and to deliver high quality services and outcomes to our clients. On this basis, NRM Engineers is uniquely placed to undertake short-term assignments, thereby providing new clients an insight into our capabilities.



## Contact

To discuss your project requirements and how NRM Engineers can support and assist you realise your project challenges, contact the following:

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