



LEVITAIT ENGINEERING

'Raising expectations'

Project Engineering | 3D Design & Analysis | Design Certification | Mechanical Drafting

CAPABILITY STATEMENT

Delivering excellence in mechanical engineering services across the mining (open cut and underground), resources, mechanical construction, water and waste water sectors.

A Local company, centrally based on the Darling Downs and serving clients across South East Queensland and South West Queensland with capacity to support complex engineering projects across Australia.

Peter Tait has proven capacity to support multi-disciplinary projects with recognised skills in training and mentoring diverse teams with a drive to instil positive organisational culture.



CORE SERVICES

- Project Engineering - SMP, Greenfield, Brownfield, Water and Waste Water
- 3D Mechanical Design and Finite Element Analysis - Solidworks
- Design Certification
- Detailed Mechanical Drafting
- Site Supervision





CAPABILITY AND CAPACITY

Levitait Engineering was established by Mechanical Engineer Peter Tait following a diverse and successful career over 30+ years in Australia as a Mechanical Engineer and qualified Fitter and Turner across the mining, resources, construction, manufacturing, agricultural and food processing sectors.

Peter Tait brings a unique perspective to all engineering projects mixing 15+ years 'on the tools' in mechanical maintenance and design added to 14+ years as an engineer, with capacity to engage productively across diverse client organisations.

- Project Engineering (Greenfield and Brownfield)
- Structural, Mechanical and Piping Projects
- Water and Waste Water Infrastructure
- Metalliferous, coal, open cut and underground mine infrastructure projects - machinery, conveyor pumping and piping
- Plant and Equipment Installations, maintenance and shutdown planning
- Tooling and process design - Fibre Composite and materials testing
- Contract management and on-site supervision
- Scope definition - RFI's, EOT's, Variation Requests and Costing
- Health, Safety and Environment in engineering and construction including Management Plans, Risk Assessments, Safe Work Method Statements, Job Hazard Analyses, Incident Investigations and Root Cause Analysis
- Quality Management Plans - Inspection and Test Plans and Checklists
- Document Management - Document Controls, Document Registers, Filing Structure Management



EXPERIENCE

"Peter is an engineer of exceptional ability....a keen analytical mind relentlessly seeking 'best for project outcomes'..... proactive and excellent communicator ensuring engineering solutions seamlessly dove tail with the requirements and needs of other project disciplines." Peter Beyer - Director - Mainstay Group



Peter Tait



PROJECT EXPERIENCE

- Logan Water Infrastructure Alliance - Reservoir Renewal - \$12M
- Lower Molongolo Water Quality Control Plant - ACT - \$4M
- Oxley Creek Sewer Treatment Plant Rehabilitation - \$12M
- East Nogoia Water Treatment Plant - \$30M
- Toowoomba Wastewater Infrastructure Project - \$47M



- Kestrel Mine Extension - Process infrastructure and water piping - project management - \$260M
- Newcrest East Cadia gold mine expansion - design work - \$80M
- MMG Century Mine - Water infrastructure plant - \$360K
- Oaky Creek Coal - Life of mine water management plan - Plant infrastructure and pipeline design - Underground conveyor installation and Project management - \$1M
- Xstrata Coal - Tieri - Coal Handling Prep Plant - Project management



- Wagners Composite Fibre Technologies - Design of pultrusion die tooling and associated process equipment - Mechanical testing of composite materials - Project management



KEY PERSONNEL COMPETENCIES

Peter Tait - Director

Bachelor of Engineering (Hons) - USQ Toowoomba
Fitter and Turner - Trade qualification

- Solidworks 3D Modelling and FEA analysis
- AutoCad LT - Mechanical Drafting and Detailing
- MS Office 365 and MS Project (Project Scheduling)
- Construction Industry Induction - White Card
- Working in Confined Space and Safe Work at Heights
- Generic and Underground Coal Inductions (Standard 11) - S1, S2, S3, G2A
- First Aid Certified with CPR
- Drivers licence - Qld - MR and R Class. Forklift - High Risk Work Licence





PROFESSIONAL MEMBERSHIPS

- Member of Engineers Australia - MIEAust
- Registered Professional Engineer Queensland - RPEQ 18442
- National Engineers Register (NER)
- Chartered Professional Engineer - CPEng (In progress)



INSURANCE

- Professional Indemnity - \$10 Million
- Public Liability - \$20 Million and Work Cover



QUALITY, ENVIRONMENT AND HEALTH AND SAFETY

Levitait Engineering are fully compliant with Worksafe Australia and Queensland Work, Health, and Safety legislation and guidelines, and have comprehensive Health, Safety and Environment Management Plans in place. Risk assessments are conducted before the start of all projects with mitigation strategies documented and implemented.

Levitait Engineering is committed to implementing quality management systems, (Ref: AS 9001) in addition to environmental protection, waste reduction and reuse in all its operations. (Ref: AS 14001 Environmental Management Systems.)



CONTACT INFORMATION

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