



engenium
 smart project delivery

Our Pilbara Office

Multi-Discipline, Local Knowledge

Engenium are now able to provide a more direct and personal service for your Pilbara based operations, with the establishment of our new Pilbara office.

Our Pilbara team, who have significant experience within the industrial and mining sectors, have worked in both client and service provider environments. This means they have a greater appreciation of the challenges and requirements involved in delivering projects within a Brownfields mining environment in the Pilbara. Their operational background allows them to liaise with stakeholders, project managers and technical resources, delivering smart solutions for your next project.

Providing local personnel means we can meet you at your workplace, speak to you in person, envisage your solution in the 'full-scale' situation, personally review the solution with your stakeholders, and best of all, shake hands upon completion of another successful project.

Multi-discipline means we can understand your requirements, gather input from numerous stakeholders, seek the best resources to deliver the project and coordinate the project solution on your behalf.

Our Expertise

- Local to the site/project
- Multi-discipline knowledge
- Extensive Brownfields experience.

Key Service Advantages

- A more direct and personable service available on your projects doorstep. No more awkward meetings over the telephone, or time wasted travelling to site
- Employ a team of experienced professionals who appreciate the challenges and requirements involved in delivering Brownfields projects in the Pilbara
- Fast track your project solutions into completion with a local team and a more hands-on approach.

Recent RTIO Experience

Detailed design tasks

- Rotor resistor cubicle maintenance platforms EII x 10 locations.
- Rotor resistor cubicle maintenance platforms PPT x 9 locations.
- Stacker transformer maintenance platform.
- Conveyor idler removal tool.
- Aluminium access platform for locomotive windscreen replacement.
- WWH harness attachment points.
- Structural capacity assessment spooling machine.

Back drafting and design checks

- Belt splice raft table.

Delivering Value. Delivering Results.



Damian Pianta

Damian is a Senior Project Engineer with over 12 years in the mining industry. Damian specialises in project management, mining industry bulk handling equipment, design for installation, operation and maintenance and has multi-discipline engineering experience.

Damian has previously filled the role of Project Superintendent, Project Manager, Quality Inspector, Design Leader, Site Mechanical Engineer and Reliability Engineer.

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Matthew Ainsbury

Matthew is a Senior Project Engineer with over 12 years experience in the mining, manufacturing and water industries. Matthew specialises in project management, bulk materials handling and water systems and has multi-discipline engineering experience.

Matthew has previously filled the roles of Project Manager, Contracting Manager, Mechanical Engineer and Project Engineer.

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Our Capabilities

Project Liaison

- Providing a link between you and Engenium's project delivery resources.
- A single point of contact for multi-discipline project delivery, with prior experience as both client/owner and vendor/consultant in the areas of mechanical, structural, civil, electrical and controls.
- Incorporating maintenance and operability requirements within the design phase.
- Checking of design, drawings and scope for your specific requirements.

Locality to Sites and Project Locations

- Co-ordinate and gather project inputs (site measurements and photographs, site surveys, 'as-built' drawing and input verification, meet with stakeholders and end users).
- Simplified stakeholder consultation.
- Access to local contractors for early contractor engagement.
- Onsite review of design for suitability within plant.
- Onsite condition assessments and integrity inspections.
- Ad-hoc construction inspections (conformance to design intent, third party inspections, pre-pour concrete inspections, witness for run performance/testing).
- Technical assistance during commissioning.

- Post construction documentation and record updates ('as-built' drawings).

Workshop Facilitation

- Act as an independent facilitator for your workshops.
- Value adding workshop.
- Project cost reduction.
- Safe Design Workshop.
- Design reviews.
- Constructability review workshop.

Rio Tinto Iron Ore (RTIO) Specific Knowledge

- 13 years combined experience with RTIO (Pilbara Iron and Hamersley Iron).
- High level of familiarity with RTIO port and coastal facilities (historical information, context and operating environment, past and present RTIO and contractor contacts).
- Production of RTIO specific documentation.
- Knowledge of RTIO drawings and document control systems.

Solutions in a Brownfields Environment

- Tailor design and construction methodology to permit installations during shutdowns.
- Understand the restraints and restrictions.
- Plan for the risks during delivery.

Coordination and Support for Secondments in Your Workplace.

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