Capability Statement

Technical Services, Trades, Maintenance & Project Services

Hire better, work smarter, dig deeper

Total Mine Solutions

ABOUT

Total Mine Solutions (TMS) has been a trusted, specialised provider of customer-focused engineering solutions including project and consulting services, field maintenance works and relief labour hire since 2010. TMS is a Queensland-based business supporting mining, sugar processing and port industries.

Our commitment to deliver is supported by our specialised, multidisciplinary workforce who embody the TMS values.

We maintain strong relationships with our employees, sub-contractors and suppliers, making life easier for our clients. We offer proven capability that is scalable from discrete packages of work to complete self-perform, end-to-end projects that are delivered innovatively, cost-effectively and safely.

OUR VALUES

SAFETY AND WELLBEING

Safety is of the utmost importance to us. We always think and act safely. 'Zero Harm' is a culture promoted by all at TMS and is supported by robust systems and processes that have been tailored to the type of work we do.

EMPLOYEES

The TMS workforce - our greatest asset - is engaged and values planning, clarity and focus. We equip our staff with the best tools, education and training which qualifies us to handle the challenges and complexities of any project.

INTEGRITY

We are open and honest in what we say and what we do. We take responsibility for our work and our actions.

TEAMWORK

We work as a team in a cooperative, supportive and friendly environment. We are open-minded and share our knowledge and achievements.

QUALITY

Client satisfaction is the key to successful business operations. The execution of our works is of the highest quality. We provide the planning and ongoing communications and execute our projects with precision.

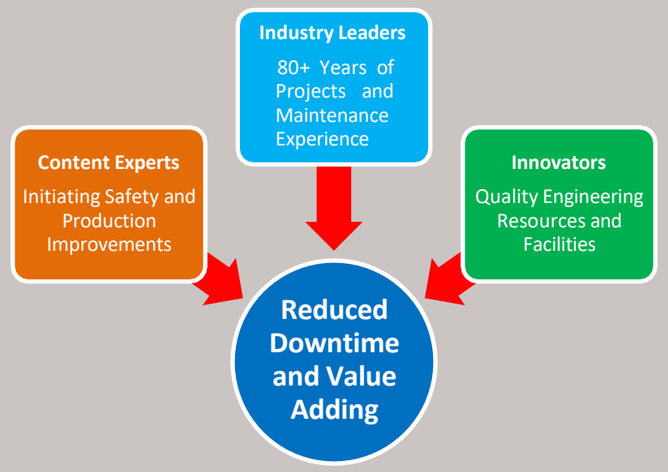
FLEXIBILITY WITH A POSITIVE APPROACH

We are passionate about achieving success for our customers, our partners and each other. We seek solutions, learn and continually improve, always striving for innovative ideas and best practice. This includes aiming to meet even our clients' unspoken needs.

INNOVATORS

We proactively develop modifications to increase safety, production and efficiency. We also uniquely offer complete design, engineering, fabrication and installation services. TMS supplies specialist tooling and equipment which is manufactured and certified to a high standard.

TMS embraces a 'continuous improvement culture' supported by a structured system and process to relentlessly pursue improvement in productivity and operational excellence in order to see continued success and remain competitive. These ideals are shared throughout the organisation and we look forward to partnering with like-minded clients.



GREENFIELD BROWNFIELD MODIFICATIONS

OUR CAPABILITIES

With skills and experience across many industries and projects, TMS constantly delivers superior quality and innovative solutions in a safe manner.

Our team of highly-skilled consultants; specialising in both the open cut and underground mining for the coal and minerals sectors personnel, providing our customers with the benefit of asset familiarity and experience that achieves superior performance.

WHERE WE EXCEL

PROJECT AND CONSTRUCTION SERVICES

- Delivering major and minor capital works projects
- Commissioning and handover
- Decommissioning and disassembling of plants and equipment
- Shutdown maintenance solutions
- Site workshop and MIA infrastructure
- CHPP and processing plants

WORKPACK DEVELOPMENT

- Formation of detailed, fit-for-purpose workpacks, incorporating:
  - Detailed scopes of work
  - Scheduling
  - Step-by-step methodology
  - QA checklists and record sheets
  - Resource and tooling requirements
  - Inspection and test plans (ITP)
  - Job Safety Analysis (JSA) or Job Hazard Analysis (JHA)

STRUCTURAL, MECHANICAL, PIPING

- Construction of new plants
- Modification and upgrade of existing plants
- Upgrades and repairs to car dumpers and train loadout systems
- Erection of workshops and warehouses
- Rectification of conveyor systems
- Overhaul of stackers, reclaimers and shiploaders
- Installation of process, fire and potable water systems
- Chute upgrades, change-outs and repairs
- HDPE pipe line installation

ON-SITE REPAIR & FIELD MAINTENANCE

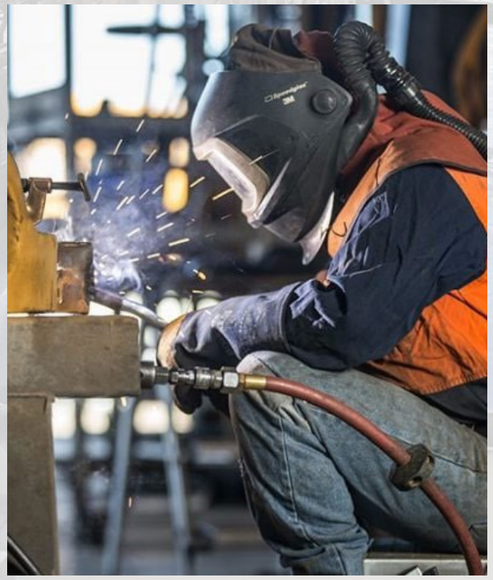
- Field maintenance
- Scheduled maintenance
- Shutdown maintenance (including draglines, excavators, shovels and washplants)
- Truck tray repairs

SHUTDOWN AND LABOUR SUPPORT

- Planning, management and execution of shutdowns
- Short and long-term labour solutions
- Complex logistical and 3rd party vendor services
- Equipment and vehicle supply

WELDING & FABRICATION

- Close cooperation with clients throughout early design
- Manufacture of a range of fabricated components and assemblies
- Custom engineered solutions to meet our clients' exact specifications

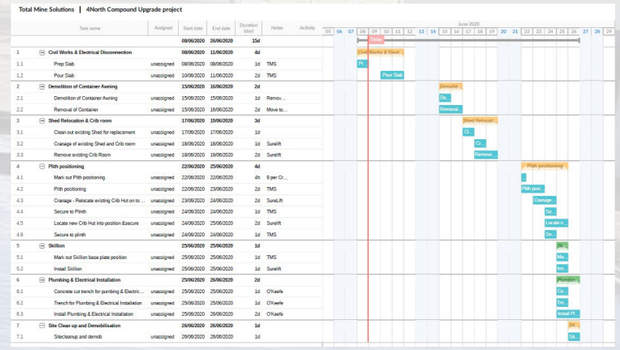


RAPID RESPONSE

- Mobilisation within hours of a breakdown
- Downtime kept to an absolute minimum

QUALITY ASSURANCE

- Project tracking and cost control
- Live reporting throughout each critical stage
- Comprehensive QA and all KPI reporting



TECHNICAL SERVICES

- Full engineering & planning support with professional personnel:
  - Mining engineering and planning
  - Civil engineering
  - Electrical engineering
  - Geotechnical engineering
  - Geology & resource estimation
  - Hydrology studies and planning
  - Optimisation Studies
  - Project management
  - Outage and maintenance planning
  - EPCM project support personnel, including supervisor, superintendents & administrative support
  - HSEC professionals

PROJECTS SERVICES SPOTLIGHT

PROJECT DIVISION

TMS Projects Division specialises in providing project and shutdown maintenance solutions and services to the mining, port and oil and gas industries.

Our team undertake all aspects of these projects from design through to commissioning and handover, including: civil, structural, mechanical, piping, electrical and instrumentation, construction and deconstruction, fabrication and modularisation, and subcontractor management.

The Projects Division aims to bring the project and field maintenance capabilities together and effectively manage each project to maintain efficiency, all within the highest safety standards.

The division consists of the following trade groups:

- Project managers
- Site safety representatives
- Supervisors
- Mechanical fitters
- Boilermakers
- Riggers
- Trades assistants

To provide a complete service, we have a full fleet of mine-spec light vehicles and shutdown containers, as well as a range of specialised tooling and equipment.

As with all TMS divisions, we are particularly focused on both the quality of work and the quality of people. Our aim is to provide the very best service, with the very best people in the business.

PROJECT MANAGEMENT

Our Project Managers have extensive experience in all areas of maintenance and project delivery and are all from either trade or engineering backgrounds. This ensures strong leadership within the division and the assurance that we will only provide the most suitable tradespeople for the task.

This division consists of dedicated, fully-staffed project crews, ensuring we will always have the required resources available when needed.

RECENT PROJECTS

We have completed a diverse range of structural, mechanical and piping projects, including the construction, modification and upgrade of new and existing plants, erection of workshops and warehouses, and major plant shutdown change-outs and repairs.

We have extensive experience in the construction of all aspects of complex equipment, including conveyor systems, crushing and screening plants, stackers/reclaimers and shiploaders, car dumpers, train loadout systems, process, chute upgrades, tanks, bins and silos, rail infrastructure workshops and warehouses.

RECENTLY COMPETED PROJECTS

Saraji Mine- Technical Services Support Personnel

Glencore Rolleston – Geological Support Services

Hawsons Iron – Geological Exploration Support Team

Caval Ridge Mine – CHPP Belt Weigher Install

Goonyella Riverside Mine – HV washbay replacement

Peak Downs Mine - Re-Flux Line

Peak Downs Mine - Tyre Bay Tyre Racking Peak Downs Mine - Warehouse Refurb

Peak Downs Mine - 4North Compound Refurb Daunia Mine - Dropped Object Prevention Project

Want to know more?

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