CAPABILITY STATEMENT

ASSET INTEGRITY & ENGINEERING

Safety is not our top priority;
Safety is our only priority.

Inspect • Design • Repair

ISO 9001 • ISO 14001 • ISO 45001





PERTH • WEIPA | 0474 474 284

ASSET INTEGRITY & ENGINEERING SERVICES

A multidisciplinary consultancy for mining, oil and gas, building and steel fabrication.
Engineering support for mine maintenance contractors.

ASSET INTEGRITY

- Structural inspections and defect registers
- Remediation priorities and repair design
- Engineering verification and reporting

DESIGN & DELIVERY

- Structural design and calculations
- Engineering and fabrication drawings
- 3D scanning and site coordination

OUR PRIMARY CLIENTS & PROJECT PARTNERS

Rio Tinto • Water Corporation • Karara Mining • Fortescue • EMtek • WSP • Aaro Group • KAEFER • SBS Conveyor Services

DRONES • ROBOTICS • BORESCOPE









DRONE INSPECTIONS

- Elevated structures and roofs
- Difficult-access visual surveys
- Specialist drone NDT where suitable

ROBOTIC INSPECTIONS

- Crawler-based pipe inspections
- Laser and dimensional capture
- Condition assessment reports

BORESCOPE INSPECTIONS

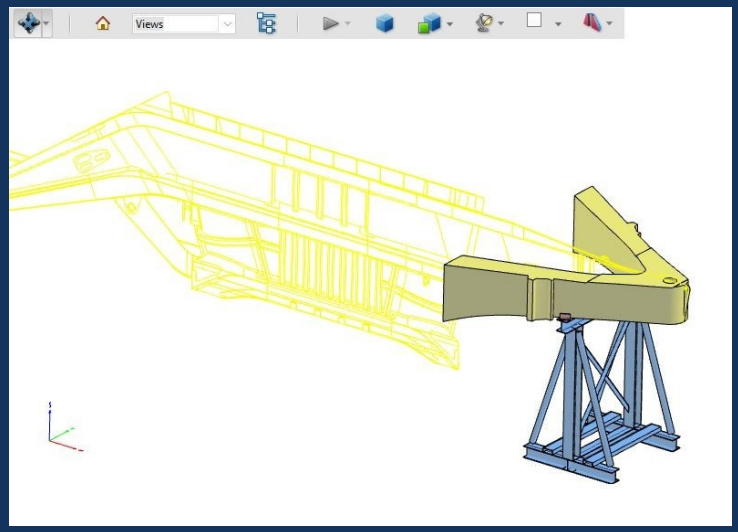
- Internal pipe condition checks
- Visual identification of defects
- Inspection images and reporting

MAJOR DRONE PROJECT | RIO TINTO ARGYLE DIAMOND MINE CLOSURE

Drone photogrammetry and 3D modelling using Bentley iTwin.

NDT through qualified specialist associates under the provider's relevant NATA-accredited scope. Methods and access confirmed for each engagement.

3D SCANNING & ENGINEERING DRAWINGS





DESIGN & MAINTENANCE STANDS

- Steelwork, platforms, awnings and foundations
- Stands, lifting frames and maintenance equipment
- Repair details and fabrication drawings

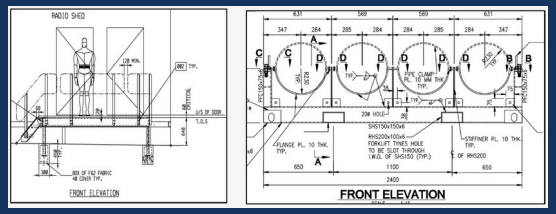
CAPTURE EXISTING ASSETS

- In-house 3D laser scanning
- As-built models and missing-drawing recovery
- Dimensional and interface verification

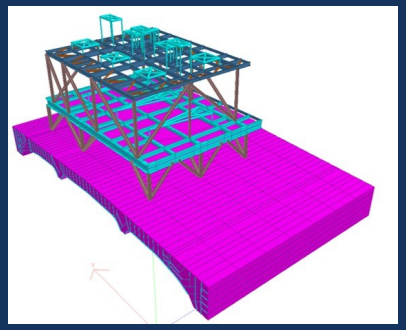
WATER CORPORATION | Multiple DN1500 pipelines: 82 m inspected and scanned, with dimensional and ovality assessment.

ENGINEERING DRAWINGS & CALCULATIONS

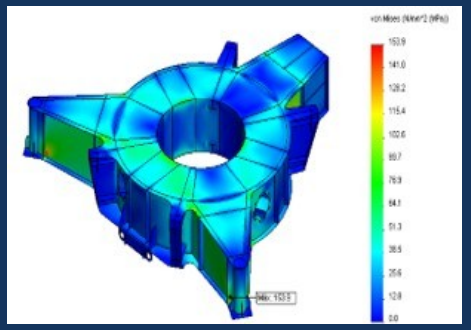
Structural analysis • Design calculations • Fabrication drawings • Finite element analysis



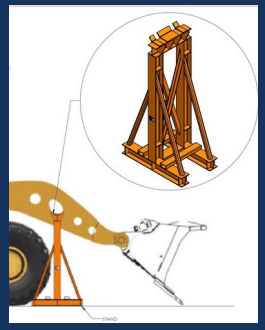
Engineering and fabrication drawings



Structural analysis and 3D modelling



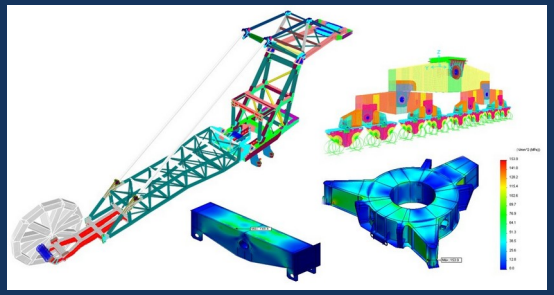
Finite element stress analysis



Loader lift-arm stand design

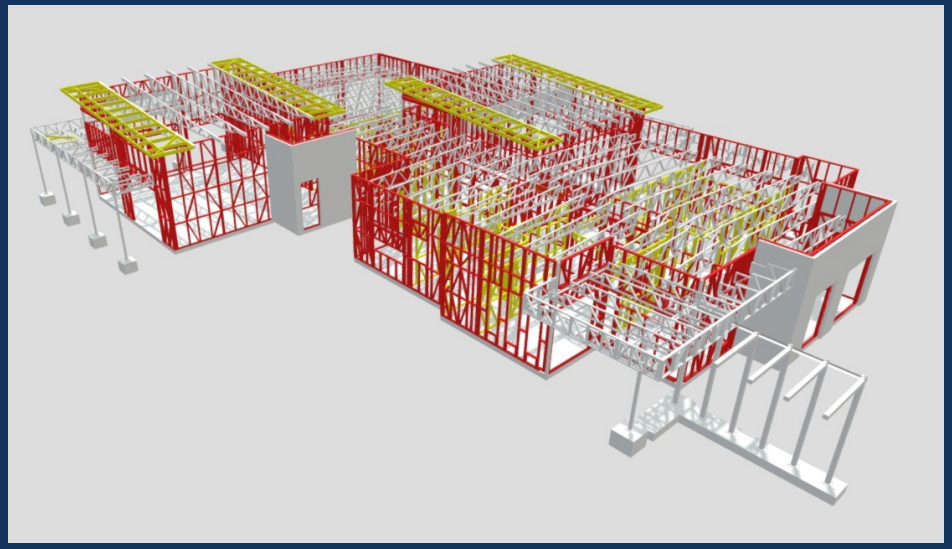


Truck trailer maintenance stand



Mechanical and structural analysis

BUILDING ENGINEERING



MANDURAH CHILDCARE CENTRE

2–4 Third Avenue, Mandurah, WA 6210

3D structural modelling for design coordination and detailing.

Q6215 Mandurah CC – Steelscene Rev 2 • Sketchfab: syawash

Explore the 3D model online

SELECTED BUILDING WORKS

- **FORTESCUE**

Christmas Creek Karntama Locker Room

- **KLUTHUTHU CHRISTIAN COLLEGE**

Mission River • engineering and remediation

- **RIO TINTO IRON ORE**

Nammuldi administration veranda

- **LEAD COLLEGE**

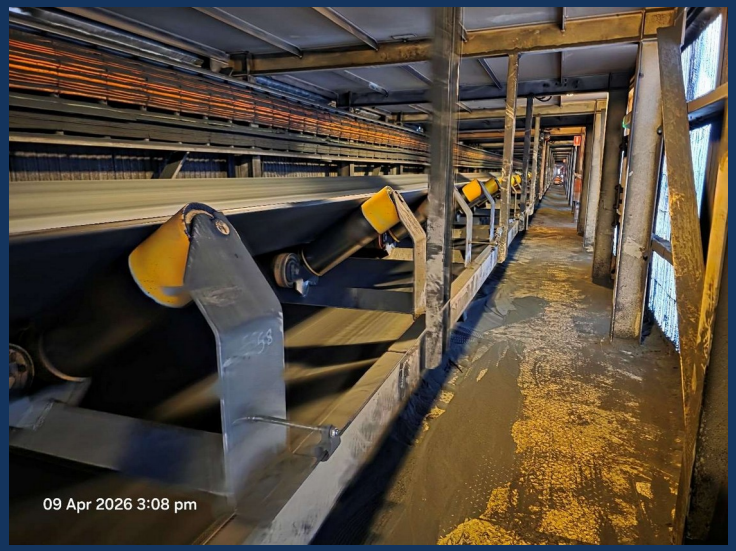
Northbridge • refurbishment and Class 9b certification

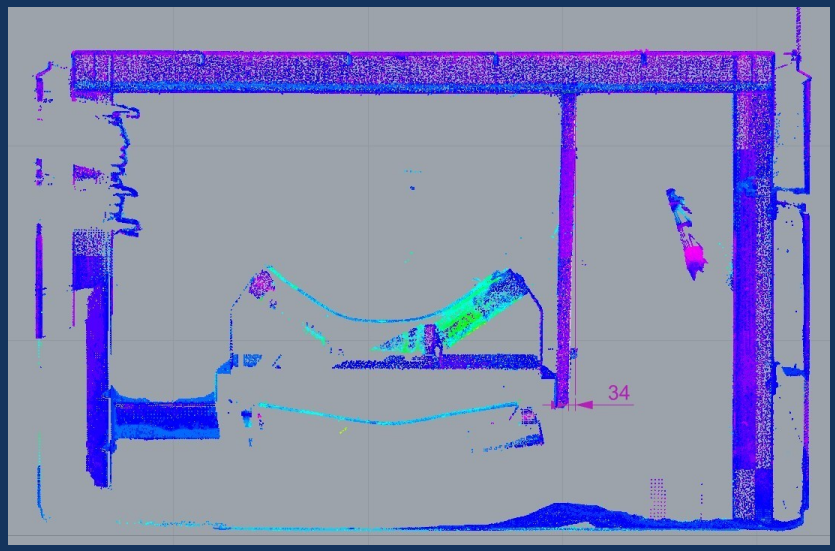
- **RIO TINTO ALUMINIUM**

HME building external awning

PROJECT SPOTLIGHT

CONVEYOR ALIGNMENT INVESTIGATION





THE CHALLENGE

- Conveyor alignment and belt-tracking concerns
- GTU, hanger supports and tail-end review
- Survey, laser scans and visual observations

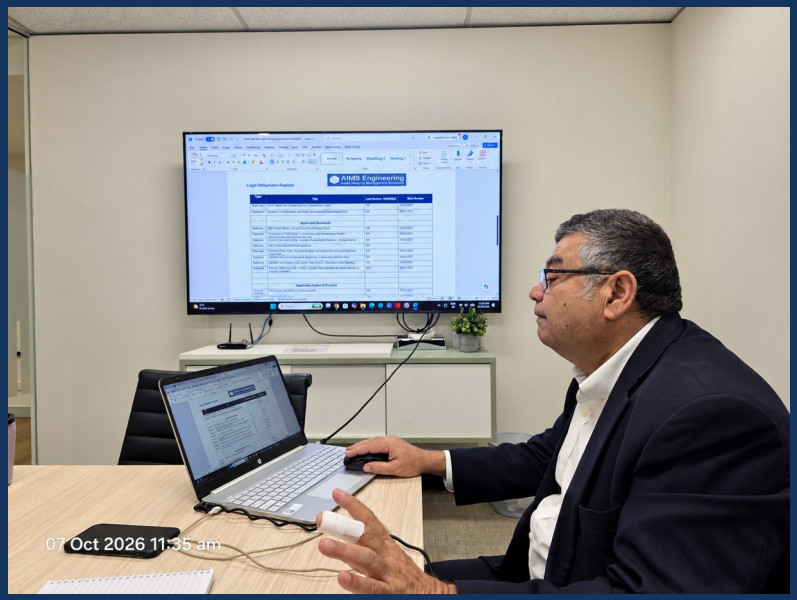
THE OUTCOME

- Phase 1 investigation completed
- Geometry and restraint issues identified
- Clear next steps for survey and rectification

POSITIVE CLIENT FEEDBACK | Completed Phase 1 investigation • April 2026

SAFETY & ENGINEERING LEADERSHIP

Safety is not our top priority; Safety is our only priority.



CERTIFIED MANAGEMENT SYSTEMS

- ISO 9001 — Quality
- ISO 14001 — Environment
- ISO 45001 — Health and safety

SAFE, PRACTICAL DELIVERY

- Plan hazards, access and permit requirements
- Use remote methods where appropriate
- Communicate urgent findings clearly

DEFENCE INFRASTRUCTURE

Transferable capability for facilities, structural upgrades and maintenance equipment, subject to project requirements.

LET'S DISCUSS YOUR NEXT PROJECT

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Asset integrity • Drone and robotic inspections • 3D scanning • Engineering and drawings