



GRISPEN AUSTRALIA

Structural Engineering • Project Management • Document Control

THE ENGINEERING & PROJECT DELIVERY PARTNER FOR YOUR MINING CAPEX

Mining operators and EPC contractors are under constant pressure to deliver safe, on-schedule CAPEX in some of the most demanding environments on earth. A slow structural sign-off, under-resourced engineering support, or a poorly managed document register can put project timelines, safety and budget at risk.

Grispen Australia gives mine owners, EPCs, EPCMs and other contractors a cost-effective, flexible engineering and project management partner combining senior site delivery experience with Grispen Technologies' full structural and FEA engineering bench.

Grispen Australia is a Perth-based engineering and project management consultancy, delivering structural engineering, project management and Owner's Engineer services to the Australian and APAC mining sector. Our team combines decades of hands-on CAPEX delivery experience with access to Grispen Technologies' senior engineering bench in the US.

- Perth head office, active across Australia and APAC
- ISO 9001-certified engineering centre
- Positioned as a flexible subcontractor and engineering partner
- Cost-effective structural engineering, FEA, drafting and lifting engineering
- Expertise across mining, processing plant and marine/port infrastructure



Grispen Australia provides mine operators and EPC/EPCM contractors with senior structural engineering depth and on-the-ground project delivery capability: a single, accountable partner without large-firm overhead.

From feasibility through to commissioning, Grispen covers the engineering, project management and document control disciplines mining operators and EPCs need — sized and priced for lean delivery, not big-firm overhead.

STRUCTURAL ENGINEERING

Process plant steelwork verification, conveyor gantry and trestle design, pipe rack and module structural analysis, in-place and fatigue assessment, temporary works and reinforcement design — delivered through GT's engineering bench using ANSYS and STAAD.Pro.

PROJECT MANAGEMENT

Feasibility and due diligence, strategic project advisory, procurement and contract management, construction oversight, commissioning support and O&M guidance for processing plant and mining infrastructure CAPEX.

FABRICATION & TURNKEY PACKAGES

Delivery of small customised packages, skids and structures from overseas and/or Perth-based workshops depending on your priorities, with full quality control and certifications.

DOCUMENT CONTROL

Full document control services for CAPEX construction and engineering packages — registers, transmittals, redline and RFI turnaround, and controlled-document management aligned to client IMS requirements.

DRAFTING & MODELLING

ASME- and ISO-compliant drafting and 3D modelling using AutoCAD and Autodesk Inventor, backed by STAAD.Pro and ANSYS Mechanical structural analysis capability.

OWNER'S ENGINEER / TECHNICAL ADVISORY

Independent Owner's Engineer representation, technical due diligence and project gate reviews for mine owners, developers, lenders and asset owners — backed by senior engineering judgement and site delivery experience.

STRUCTURAL ENGINEERING FOR MINE SITE INFRASTRUCTURE

Mining CAPEX projects place heavy structural engineering demands on project teams: process plant steelwork, heavy lift operations, conveyor and trestle systems, and module installation all require rigorous, schedule-conscious engineering support. Grispen Australia, backed by Grispen Technologies' structural and FEA engineering bench, provides that support to EPCs, EPCM contractors and direct mine owners at a cost point that reflects lean delivery, not big-firm overhead.

Our structural engineering support includes:



Process plant structural steel verification and code compliance checks against AS 4100 and AS/NZS 1554.

Conveyor gantry, trestle, transfer tower and stockpile reclaim structure design and analysis.

Module and skid structural design, lifting lug and trunnion analysis, and lift plan engineering.

Pipe rack, cable tray support and utility corridor structural analysis.

FEA for complex or non-standard structural geometries using ANSYS Mechanical.

Temporary works design — falsework, propping, shoring and construction-phase structural support.

Fatigue and in-place assessment of existing structures subject to dynamic mining loads.

Grispen Australia gives mine operators and EPC contractors access to a senior structural engineering team without the overhead of a large firm: responsive, accountable and priced to suit lean project teams.



DIRECTOR, GRISPEN AUSTRALIA

Director of Grispen Australia, coordinating project delivery, quality and client engagement across Australia, Singapore and Malaysia.

Hands-on Project Director and Portfolio Director experience on mega mining CAPEX projects. Mineral sands, Nickel, Rare Earths.

OWNER'S ENGINEER & INVESTMENT DUE DILIGENCE

Mine owners, developers and investors need an independent, senior engineering voice they can trust — one that can sit across the table from the EPCM and give a plain answer on whether a project is on track and risks are controlled. Grispen Australia provides Owner's Engineer representation and technical due diligence for mining CAPEX projects, from early feasibility through to financial close and construction completion.

Our Owner's Engineer and due diligence services include:

- Technical due diligence for project financing, acquisition and M&A: independent engineering review of design, permitting, contractor capability and construction status.
- Project gate reviews at FID, financial close, notice to proceed and mechanical completion — assessing readiness, residual scope and risk before capital is committed.
- Bankability and technical risk assessment, supporting lenders' and investors' technical advisors with independent engineering opinion.
- Contract, schedule and cost review: sense-checking EPCM contracts, programmes and budgets against comparable CAPEX project experience.
- Risk register development and review — identifying, quantifying and prioritising technical, schedule and construction risk.
- Owner's Engineer representation through construction: independent oversight on the owner's behalf, monitoring EPCM performance, quality and schedule against contract requirements.

Grispen Australia gives mine owners and investors confidence that capital is going into de-risked, well-executed projects — backed by senior engineering judgement, not just paperwork.

LET'S TALK

Bertrand Peuchot

Director, Grispen Australia Pty Ltd
Perth, WA

bertrand.peuchot@grispen.com • +61 418 263 656 • grispenaustralia.com.au