

Statutory Engineering

Electrical and Mechanical Statutory Engineers with Practising Certificates able to hold accountability in underground coal, open cut coal and metalliferous mines in NSW and QLD.

- Electrical Engineering
- Mechanical Engineering
- Engineering Control Plans development and review
- Safety Management system creation
- Operational and Safety Procedure review

Compliance Reviews

Safety is the first consideration and must compliment all engineering and maintenance services provided, our services include:

- Auditing:
 - Australian Standards
 - Mine Design Guideline (MDG)
 - Technical Reference Guideline (TRG)
 - Equipment
 - Recognised Standards (Qld)
 - Industry Standards
- Risk Assessment
- Introduction to Site Auditing of Equipment
- Incident Investigation & Root Cause Analysis
- Compliance Audits
- Dossier / Plant Safety File Auditing

Training – Recognised Training Organisation RTO 45730

Drawing on our industry experience, we prepare and deliver purpose driven training. Our training sessions are led by qualified training personnel and delivered in the most suitable format either classroom, on the job, or via online interactive training sessions:

- High Voltage Switching (Accredited) Full Course & Refresher courses
- Electrical Equipment in Hazardous Areas (Accredited) Full Course & Refresher courses
- Electrical Standards for Mines & Quarries (ESMaQ)
- Technical Reference Guide (TRG) for Fluid Power Safety for Mines
- Mine Design Guideline (MDG) 15
- Extra Low Voltage (for non-Electrical Trades / Auto Electrical Trades)
- Technical Reference Guide (TRG) for Hot Works
- Insulation Testing & Arc Flash
- Introduction to Hazardous Areas
- Client specific – e.g., Inductions, Australian Standards, Equipment

Asset Management & Maintenance Services

Value adding services that provide long-term safe and cost-effective solutions for new and existing client assets. Examples are:

- Preventative Maintenance Programs
- Reliability & Defect Management
- Failure mode, effects, and criticality analysis (FMECA)
- High Voltage Management
- Project Management
- Leadership & Supervision
- Maintenance budgeting and life cycle costing
- Document Review

Technical & Professional Services

Servicing all technical electrical and mechanical aspects of Mining, Processing Plants, Power Utilities, Solar and Wind Farms and Heavy Industry Infrastructure.

These services include:

- Engineering Design and CAD Drafting
- Power Studies
- Hazardous Area Classification
- RPEQ Certification
- Technical Specification, updates or development
- Scope of work development
- Engineering Support