



# Quality Policy

**Engineered Installations** is committed to delivering safe, reliable, and high-quality electrical wiring harnesses and associated systems for the mining industry. We prioritize compliance with all applicable Western Australian legislation, Australian Standards, and mining safety requirements.

We aim to exceed client expectations through innovation, technical excellence, and continual improvement of our quality management system.

## Our Commitments:

### Compliance with WA Legislation & Regulatory Requirements

- Ensure full compliance with the Work Health and Safety (Mines) Regulations 2022, the Electricity (Licensing) Regulations 1991, and all other applicable WA laws related to electrical safety and mining operations.
- Guarantee that all electrical installation work is carried out by licensed electrical workers in accordance with the Western Australia Electrical Requirements (WAER) and industry regulations.

### Safe, Standards-Based Design and Manufacturing

- Design and manufacture electrical wiring harnesses that meet or exceed the performance, safety, and durability requirements under AS/NZS 3000 (Wiring Rules) and other applicable standards such as AS/NZS 2802 for mining cables and AS/NZS 4871 for electrical equipment in mines.
- Use materials and processes specifically suited to withstand harsh mining environments—resistant to vibration, corrosion, moisture, abrasion, and chemical exposure.

### Rigorous Testing, Validation, and Traceability

- Implement thorough inspection and testing at each stage of the process: design validation, manufacturing, installation, and commissioning.
- Maintain full traceability of components, wiring systems, installation records, and quality assurance documentation.

### Risk Management and Safety Integration

- Integrate risk assessment and mitigation strategies throughout all processes, consistent with WHS risk management obligations.
- Avoid energised electrical work wherever possible; where unavoidable, ensure strict control, compliance, and safety procedures are followed.

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## Continuous Improvement and Staff Competency

- Maintain a certified Quality Management System aligned with **ISO 9001**, ensuring ongoing review and continuous improvement.
- Provide training and supervision to ensure all personnel are competent, safety-focused, and aligned with legislative and quality system requirements.

## Customer Focus and Industry Alignment

- Understand and meet the needs of our mining clients through open communication, technical consultation, and reliable delivery.
- Monitor client satisfaction and use feedback to improve performance and value delivery.

## Legislation, Standards & Guidelines Referenced

1. Work Health and Safety Act 2020 (WA)
2. Work Health and Safety (Mines) Regulations 2022 (WA)
3. Electricity (Licensing) Regulations 1991 (WA)
4. Western Australia Electrical Requirements (WAER) – October 2023 Edition
5. AS/NZS 3000:2018 – Electrical Installations (Wiring Rules)
6. AS/NZS 2802:2020 – Electric cables for underground coal mining applications
7. AS/NZS 4871 – Electrical equipment for mines and quarries
8. ISO 9001:2015 – Quality Management Systems – Requirements
9. Codes of Practice under WA WHS legislation – e.g. Managing electrical risks in the workplace
10. Guidelines from the Department of Mines, Industry Regulation and Safety (DMIRS) – WA

This policy is reviewed annually or as required in response to legislative updates, operational changes, or continuous improvement initiatives.

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