

# SOLUTION SPOTLIGHT

## ELECTRICAL CONSTRUCTION HAZARDOUS AREAS

**Identifying and managing Hazardous Areas is vital to ensure a safe working environment for all stakeholders, including personnel, contractors, suppliers, and visitors. It is imperative to ensure safety while keeping operations functioning effectively and efficiently.**

At Triple i, we have a team of independent accredited professional electricians and engineers with the knowledge and experience to keep your plant and personnel safe from the dangers of electrical hazards and high-risk environments.

As Hazardous Area Compliance Specialists, our team has experience with hazardous area installation, maintenance, inspections, and breakdowns of explosive-protection equipment, with a high emphasis on practical reviews and audits.

With Electricians and Engineers certified in Hazard Areas Awareness (HAA) and Electrical Equipment in Hazardous Areas (EEHA), our in-house capability is proficient in the installation, inspection rectification, compliance assessment, and commissioning of all on-site and off-site based systems for both greenfield and brownfield projects.

Our services are per International Electrotechnical Commission (IEC) 60079, AS/NZS 60079, and AS/NZ 3000 standards, with an extensive background working internationally on International Electrotechnical Commission System for Equipment for use in Explosive Atmospheres (IECEx) and ATmosphères EXplosives (ATEX) certified equipment (European Regulatory Framework).

Our scope of EEHA services includes, but is not limited to:

- Hazardous Area program management, including design, implementation, and maintenance
- Classification and design of Hazardous Areas
- Site Inspection of installed equipment
- Detailed Hazardous Area compliance audits and inspections
- Verification dossier development and management
- Compliance engineering services including:
  - Intrinsic Safety Calculations
  - Heat Dissipation Calculations
  - Conformity Assessments and Documentation
  - Fit-for-purpose Reviews and Statements
  - Simple Apparatus Statements
- Hazardous Area Maintenance
- Hazardous Area Technical Information

For more information on our EEHA services or to book a consultation for your project, contact us today!



**INTEGRATION - INNOVATION - INSIGHT**