

Explosive Atmospheres Electrical Equipment in Hazardous Areas



Provecta is a leading Australian electrical engineering services company with specialist experience in the classification, design and management of compliance for electrical equipment in hazardous areas (EEHA) to the AS/NZS 60079 series of standards.

In today's environment, it is mandatory to comply and maintain conformance with stringent Australian standards with respect to Hazardous Areas.

Provecta has performed hazardous areas services for a wide range of customers including AGL, Stanwell Corporation, Energy Australia NSW, Murray Goulburn and Pactum.

Our experience extends through classification, design, audits, equipment conformity assessment, specification and procurement of equipment and implementation of electrical and control systems in Group II (gas) and Group III (dust) environments.

Provecta has extensive knowledge of specific hazardous areas standards (AS/NZS 60079 series) and staff certified to perform Hazardous Areas work

as required by AS/NZS 4761.1 Competencies for working with electrical equipment for hazardous areas

Provecta has many years of experience in a wide range of process systems, and through this experience can offer the following services relevant to your hazardous areas compliance:

- Classification of hazardous areas
- Management of transition to compliance of hazardous areas
- Management of compliance of hazardous areas
- Conduct conformity assessment of explosion-protected equipment
- Plan electrical installations for hazardous areas
- Design explosion-protected electrical systems
- Audits including
 - Process Electrical Equipment
 - Portable Tools/Electrical Equipment
 - Signage
 - Housekeeping
 - Clothing
- Develop and manage Hazardous Areas Verification Dossiers
- Delivery of awareness training

Should you wish to discuss any aspects of hazardous areas and where **Provecta** will be able to assist you contact:



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