

Hunter H2O can help with...

- Power system & harmonics modelling to increase asset life & ensure Australian Standard Compliance,
- Hazardous area audits, classifications and design,
- Energy auditing & plant optimisation to reduce operating costs,
- Asset condition assessments to ensure AS3000 compliance & reduce WHS risk.

Our Team

Operating throughout Australia and internationally, our experienced professionals offer skills and experience to guide our clients through their individual business requirements.

Our Approach

Collaboration is the key to achieving results for our clients and industry colleagues.

We are committed to developing long term business relationships, by partnering with our clients to achieve mutually beneficial business outcomes.

Key Expertise

Electrical Plant Compliance and Investigation

Hunter H2O has an experienced and qualified Electrical engineering team who specialise in Electrical & Control Systems associated with water and wastewater assets. The increased use of Variable Frequency drives can introduce unexpected problems due to poor designs and installation practices resulting in premature motor failures, overheating issues, galvanic corrosion and unexplained control system lockups and failure. Hunter H2O Engineers can provide the following services:

- Site audits for compliance of your facilities to AS3000
- Harmonics Audit / investigation of facilities where there are repetitive motor failures due to voltage peaks and associated harmonics
- Measuring harmonics for compliance to AS61000
- System studies associated with water and waste water plants
- Preparation of remediation scope of works to enable rectification and compliance.

Hazardous Areas

Hunter H2O has an experienced and qualified Electrical engineering team qualified in hazardous area design, audit, investigation and classification of water and wastewater assets including Classification of Inlet Works, Methanol Dosing Systems and Classification of Flare for Methane burn-off Systems.

Our team have experience and qualifications to undertake:

- Classification of Hazardous Areas to AS60079.10.1 and AS60079.10.2
- Electrical design associated with Hazardous Areas to AS60079.14
- Audit / investigation of facilities for compliance to AS60079.14 with respect to installation and selection of appropriate equipment
- Preparation of Hazardous Areas Dossiers, and/ or audit of current Dossier for compliance and amendment.
- Peer Review of Classifications and Dossiers.

Harmonics and Hazardous Area Assessment

Talk to us

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www.hunterh2o.com.au

OFFICE LOCATIONS

NEWCASTLE
SYDNEY
BRISBANE
ADELAIDE
SUVA, FIJI

