

# Voltex Power Engineers

We manage electrical risk and improve plant reliability through design, protection, commissioning, auditing, maintenance and asset management.

## HV Auditing & Compliance

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Locations  
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Melbourne  
Perth  
Darwin  
Santiago



Licence No: 72239

**VOLTEX**  
power engineers

# HV Electrical Engineering Consultants

As your trusted HV Electrical Engineering Consultants, **Voltex Power Engineers** (VPE) provide expertise in HV Power Systems and earthing design, equipment specifications and technical manuals, and power systems studies and analyses.

Voltex assist clients with HV installation testing and commissioning, including protection schemes, substation automation systems, and all aspects of renewable energy project grid connections.



# HV Audits & Compliance

**Voltex Power Engineers** are QLD Accredited Safety Management Systems Auditors, and also HV and Hazardous Area (EEHA) Auditors.

## Auditing & Compliance

Most corporate procurement and legal teams seek to transfer risk to their suppliers or contractors. In reality all they transfer is the liability for certain risks. If your project is behind schedule, or your production is impacted by compliance or safety management issues, then these risks remain, as does your duty of care and the company's due diligence obligations.

Voltex' Accreditation in Safety Management Systems and HV and Hazardous Area (EEHA) Auditors, provides you with certainty in compliance assessment and risk mitigation of your critical electrical assets.

## Safety Management System Audits

Voltex Power Engineers have been appointed by the Qld Electrical Safety Office as Accredited Safety Management System Auditors. This allows us to provide Auditing services for "Prescribed Electricity Entities" (Network Owners and Operators) under the Electrical Act. According to the Guide published by the Electrical Safety Office,

*"Whilst safety management systems are only mandatory for prescribed electricity entities, other entities and obligation holders such as electrical contractors and generation entities are strongly encouraged to adopt safety management systems under the Act and Regulation for managing electrical risk".*

## High Voltage Audits

Voltex Power Engineers have a number of Accredited HV Auditors available to assist with your HV Installation Inspections. The aim of a Statutory High Voltage Audit is to ensure the safe operation of the installation and to comply with the legislation.

Voltex provide HV Audit Guidelines for large projects to avoid unexpected delays in the auditing process, and to advise what documentation and inspections will be required.

## Electrical Equipment in Hazardous Area Audits

Voltex Power Engineers have a number of Accredited HA Auditors available to assist with your Electrical Equipment in Hazardous Area Installation Inspections. The aim of a Statutory EEHA Audit is to ensure the safe operation of the installation and to comply with the legislation.

Voltex provide HA Audit Guidelines for large projects to avoid unexpected delays in the auditing process, and to advise what documentation and inspections will be required. We are also able to assist with preparation and maintenance of Hazardous Area Verification Dossiers.

## Compliance Certification

Compliance with statutory requirements can present complex issues for many plant maintenance staff, yet it is a critical element in fulfilling one's duty of care and the due diligence obligation of the company's management team. Engaging Voltex Power Engineers not only aids in risk mitigation, but also provides a defence against potential serious litigation in the unfortunate event of an incident that requires investigation.

## Other Auditing Services

- › Australian / IEC Standards
- › Mining Regulations (including EEM Services)
- › Utility Energisation Requirements

