

HIGH VOLTAGE ENGINEERING AND COMPLIANCE MANAGEMENT SERVICES

Owners of high voltage installations have a responsibility to ensure the safe operation of their electrical infrastructure. Regular inspections prolong the life of equipment while correct operating procedures and documentation ensure a safe working environment.

As a minimum, high voltage installations and equipment must comply with the requirements of:

- Relevant state or territory legislation
- The electricity distributor's (i.e. utility) high voltage requirements
- Relevant Australian or other approved standards

High Voltage Compliance Audit

Regular high voltage inspections are critical in ensuring the safety of equipment and personnel in an industrial environment. Many safety issues can be identified and prevented by performing a detailed inspection of high voltage electrical equipment and taking any necessary corrective actions.

When identified early, potential hazards can be removed avoiding downtime, financial loss and risk to personnel.

Ampcontrol can also audit the electrical system documentation associated with high voltage installations.

The audit includes a written report identifying areas of non-compliance and remedial actions that should be undertaken to comply with relevant standards and testing including:

- AS/NZS 3000
- AS 2067
- AS 3007
- Arc flash studies
- Power studies
- Protection system reviews
- Earth grid design and testing
- Soil resistivity testing
- Lightning studies

We can also provide field and workshop maintenance and testing services to rectify any issues that may be identified during the inspection.

HV Installation Safety Management Plan (HV-ISMP)

We can develop customised Installation Safety Management Plans for high voltage assets. These plans are prepared in accordance with relevant state or territory legislation.

We act as liaison with both the network authorities and site stakeholders to develop the plan which includes site specific operating rules covering all aspects of the high voltage electrical installation.

Where possible, we review and integrate any existing electrical system procedures and documentation into the HV-ISMP whilst in keeping with the Customer's controlled document framework.



1300 267 373

ampcontrolgroup.com

