
Authorising Engineer (AE) Services

Purpose of Authorising Engineer

Safe Systems of Work are required for HV systems or complex LV systems. The Authorising Engineer is an independent electrical engineer whose primary role is to ensure compliance with the latest statutory and legislative requirements.

Management who have responsibility for the electrical systems on their premises must be able to demonstrate that they have safe systems with appropriate safety policies in place to ensure safe working.

Role and duties of the AE

The Authorising Engineer (HV/LV) is responsible for implementing, administering and monitoring the application of current guidance for electrical systems.

What's included in the role?

- Assess and recommend Authorised Persons (APs), in writing, to provide the cover for all systems for which management has responsibility.
- Define the exact extent of the systems and installations for which each AP is responsible.
- If necessary, recommend the suspension or cancellation of the appointment of an AP.
- Maintain a register of all APs.

Ensure that candidates for appointment as APs:

- Satisfy the qualification requirements.
- Satisfy the training and familiarisation requirements.
- Can demonstrate adequate knowledge of each system, installation and type of equipment, for which authorisation is sought.
- Have satisfied the AE as to their competence and ability

Other AE (HV/LV) duties

- Issues to each AP, on appointment, a certificate of appointment.
- Reports to the management any deficiency in the number of suitably trained and experienced APs, where this significantly impairs management's ability to provide a safe and efficient service.
- Reviews each AP's operational experience by examining the relevant operating records of the system(s), and recommends refresher training as necessary.
- Audits the performance and records the operational experience of each AP.
- Undertakes comprehensive audits to all systems and installations.
- On receipt of an 'operational restriction' related to High Voltage (HV) systems and/or equipment, ensures that all APs are made aware of it.
- Act as an independent technical advisor.
- Initiates and coordinates the investigations of reported injuries and dangerous occurrences involving electrical systems and installations within the AE's sphere of responsibility.