Authorising Engineer (AE) (Mechanical & Pressure Systems)

Purpose of Mechanical & Pressure AE

Safe Systems of Work (SSoW) are a legal requirement for working on mechanical systems (such as steam, hot water, compressed air, and high pressure cold water), whether it is your own staff or contractors carrying out the tasks.

Typical plant/equipment requiring the SSoW would include:

- Boilers
- Calorifiers
- Plate heat exchangers
- Pumps
- Air compressors
- Air receivers
- Pipelines

The Authorising Engineer is an independent mechanical engineer whose primary role is to ensure compliance with the latest statutory and guidance requirements in relation to SSoW, and in relation to the Pressure Systems Safety Regulations (PSSR).

Management who has responsibility for mechanical systems on their premises must be able to demonstrate that they have safe systems of work, of an appropriate level in relation to the risk exhibited by the system, with procedures and documents in place.

Role and duties of the Mechanical and Pressure Systems AE:

The AE (Mechanical and Pressure Systems) is responsible for implementing, administering, monitoring and auditing the Mechanical and Pressure Systems SSoW.

What's included in the role?

- Define the exact extent of the systems and installations for which each Authorised Person (AP) is responsible
- Assess and recommend APs, in writing, provide the cover for all systems for which management has responsibility
- Maintain a register of all APs
- Report to the management any deficiency in the number of 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
- Comprehensive annual audits of the application of the SSoW, including the performance and operational experience of each AP, and the condition, maintenance and statutory compliance of plant and equipment
- Distribution of any operational restrictions/safety alerts related to mechanical and pressure systems
- Act as an independent technical advisor
- Assists in the investigations of incidents and accidents involving mechanical systems and installations within the AE's sphere of responsibility

INTERESTED?

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