

# Electrical Engineer

**Job Purpose:**

- To Operate and Maintain all plant & apparatus in accordance with company procedures and site rules thereby fulfilling our customer service requirements, quality standards and health, safety & environmental objectives.
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**Duties:**

- Planned & Preventative Maintenance.
- Reactive Maintenance.
- Operate plant and apparatus in a safe & controlled manner.
- Ensure all health, safety & environmental objectives are achieved.
- Assisting the O & M Manager in contract/project development.
- Maintaining a satisfactory level of spare parts & consumables.
- Respond to emergency call outs.
- Liaising with client's representative.
- Representing the company well to clients, external agencies.
- Undergo any necessary training deemed necessary.

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**Ideally you will have:**

## **General**

- Ability to read design specifications and technical drawings.
- Inspect completed installations and observe operations, to ensure conformance to design and equipment specifications and compliance with operational and safety standards.
- Familiar with Energy Centre 415v process and supporting distribution systems.
- Experienced in Operating & Maintaining Industrial Steam/Hot Water Boilers.
- Experienced in Operating & Maintaining CHP, Absorption Chillers.
- Familiarity with HVAC systems.
- Understanding of Water Softener/Treatment methodology.
- Control room/operations knowledge.
- Awareness of current Health & Safety Legislation.
- Ensure statutory inspections are carried out satisfactorily.
- Proven competence in preparing method statements, risk assessments, and permits to work.
- Proven competence in managing sub-contractors when necessary.
- Good IT literacy.
- Full UK driving license.

## **Personal Skills**

- A self motivated individual with strong initiatives.
- A good communicator with customer focus.
- Able to plan and organise work efficiently.
- Ability to meet deadlines/agreed targets.
- Responds well under pressure.
- Ability to run or work as part of a team.
- Ability to create a positive culture within the workplace.
- Enjoys a challenge.

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## Essential

- Must have served a recognised apprenticeship and/or qualified to minimum of HNC in an electrical engineering discipline.
- Have an understanding of fault diagnostics on low & medium voltage utility plant/systems, fixed wiring system testing, and control systems.
- 17<sup>th</sup> edition (BS 7671-2008)
- Must have previous experience working within a boiler house/energy centre background.
- Should have a basic understanding of and work to BS and EN standards.
- Able to demonstrate a sound technical knowledge in electrical engineering within a similar environment.
- Competent in reading design specifications and technical drawings.
- Have a basic understanding of control/monitoring systems.
- Ability to develop and continually review working practises and procedures.
- Provide technical assistance to client, contractors or work colleagues.
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## Desirable:

- Familiar with working from electronic maintenance systems.
- Experience with plant monitoring systems.( BMS,PMS)
- Familiar with current HVAC industry practises and relevant legislation.