

EC&I Technician

(Location: Thanckes, Torpoint, Cornwall)

The role: Due to an internal promotion, an exciting opportunity has arisen at the OPA, as we seek to appoint an EC&I Technician who will be responsible for their own quality of maintenance, service and repair of plant.

Based at Thanckes OFD (Oil Fuel Depot) you will be responsible for all reactive and preventative maintenance across a variety of critical equipment, including LV electrical distribution systems, motors, drives, switch gear, fire alarms, control systems and instrumentation, in respect of EC&I Engineering activities within the Oil Fuel Depots. Ensuring that all aspects of work are executed on time and in full compliance with company standards and UK and European legislation.

The role entails the individual to provide engineering support in areas of instrumentation, control, functional safety, electrical, and provide first line maintenance of the BPCS and associated equipment.

There will be a need to build strong credible working relationships with all internal stakeholders and in particular HSEQ, Depot Managers and other engineering colleagues.

Occasional travel with overnight stays to other sites may be required, therefore a full (preferably clean) driving licence is essential for this role. You will also need to be willing to undertake overtime at short notice.

Responsibilities:

The key responsibilities include;

- Providing Electrical, Control & Instrumentation Maintenance activities and technical support for day to day operations across the Oil Fuel Depots,
- Troubleshoot assigned Electrical Control and Instrumentation problems, resolving and documenting any issues,
- Complete routine and quality inspections of Instrumented systems across the OPA, ensuring compliance to the relevant standards,
- Understanding of current legislation and statutory requirements, including DSEAR, EAWR & HASAWA, BSEN61508/11, IEC13849 and BS 62061 and work to ensure full compliance,
- Complete all assigned tasks, safely, to the required quality and timeframes (Including investigation/troubleshooting, planned repair scopes, preventative and predictive maintenance, and equipment installation) in accordance with HASAWA requirements,
- Carry out planned maintenance activities and defect rectification efficiently,
- Prepare the work area for more complex maintenance of depot, systems or components,
- Read or produce engineering drawings, P&IDs and trip schedules,
- Utilise diagnostic techniques to identify faults in depot systems, and components to enable repairs,
- Reinstall the work area after completing the maintenance of depot, systems and components,
- Conduct safe and effective handover of depot systems and equipment to others and accept and confirm responsibility for the control of the depot systems and equipment within the work area isolation boundary,

- Respond immediately to equipment breakdowns,
- Overhauling and replacing parts according to schedules,
- Be responsible for the filling out of Job Request Sheets, Planned Maintenance Cards etc,
- Carry out any reasonable task as requested by the management team,
- Be familiar with work planning and scheduling,
- Specify and order assigned spares/replacement equipment in line with site quality procedures,
- Have the ability to train and mentor others in maintenance or operations including apprentices.

The candidate:

Education & Experience;

The successful candidate will hold a recognised technical qualification in a relevant Engineering Craft/Technician discipline and have completed a Modern-Day Craft Apprenticeship or be assessed as competent with relevant experience.

Able to demonstrate a safe working record, compliant with systems and procedures, and with the ability to maintain a calm and effective approach in difficult and reactive situations. Individuals must be medically fit to undergo Breathing Apparatus and Confined Space training and operations.

You will have proven experience as an Electrical Control and Instrumentation Technician, preferably with experience in hazardous operations, operated under COMAH regulations.

Previous experience of DCS Systems, communication data highways, variable speed drives, instrumentation – pressure, flow, temperature, density, level, control valves etc is essential for this role.

Individuals must be medically fit to undergo Breathing Apparatus and Confined Space training and operations, as well as having full colour vision.

Knowledge/Skills;

- Able to read, understand and comply with written instructions, policies, procedures and risk assessments.
- Be fully familiar with "permit to work" system, and isolation procedures.
- Understand the full range of Electrical Control & Instrumentation Tasks including:
 - Electrical, Control & Instrumentation scheduled maintenance activities and technical support for day-to-day operations across the Oil Fuel Depots.
 - Reactive maintenance and repair of LV distribution systems.
 - Reactive maintenance and repair of motor drives and switch Gear.
 - Maintenance and repair of Small power and lighting.
 - Maintenance and repair of Emergency lighting and fire alarm systems.
 - Maintenance and inspection of Hazardous area equipment.
 - Electrical fixed appliance testing.
 - Provide first line maintenance for the BPCS and associated equipment.
 - Maintaining the automatic tank gauging systems.
 - Knowledge of DCS systems, PLC, SCADA & HMI.

- Proven experience in Instrumentation Pressure, flow, temperature, level, pH, control valves etc.
- Trouble shoot electrical control and Instrumentation problems resolving and documenting any issues.
- Complete routine and quality inspections of instrumented systems across the OPA sites ensuring compliance to relevant standards.
- Ability to read engineering drawings, schematics, P&IDS, SLDS, trip schedules, etc.
- Ability to train and mentor others in Maintenance including apprentices.
- Experience of working with CMMS or similar maintenance workflow process.

How to apply: Please send your covering letter, attached to your CV, on a Word format document by clicking on the “Apply Now” link below. **Please note applications will only be accepted in Word document format.**

Your covering letter should give an indication of your salary expectation.