

Electrical Advanced Apprenticeship x2 Sunderland, SR5 3RX

The Company

This is a fast turnaround, experienced technology driven company offering their customers significant productivity and quality improvements to their processes while driving down costs and reducing risk. They have many open working partnerships with some of the world's leading automation companies in sensing, position control, visual inspection, machine safety, auto-ident, robotics, drives and programmable logic control. They offer a wide range of automation and electronic engineering services including:

- Industrial Automation
- Industrial Machine Safety Systems
- Industrial Control Systems
- Visual Inspection & Measurement Systems
- Electrical Installation & Maintenance
- Mechanical Systems & Tooling
- Barcode & RFID Systems
- Robot Systems & Upgrades
- Conveyor Systems & Upgrades
- Drive, Motor & Gearbox Upgrades

Job Role

The role is 37.5 hours. Wednesday, Thursday, Saturday and Sunday 08.00 -16.30 hrs Friday 08.00 - 13.30 and duties will include:

- Reading, interprets, and executes drawings, schematics, blueprints, and electrical code specifications to see layout of electrical equipment installations
- Tests electrical and equipment and parts for continuity, current, voltage, and resistance
- Installs, repairs, or replaces AC/DC motors and drives, transformers, motors, starters, relays, and hydraulic
- Installs repairs, or replaces electrical wiring, switch boxes, conduits, lighting, PLC's and alternative electrical parts
- Installs, repairs, or replaces generators and industrial storage batteries
- Do preventive maintenance and testing of electrical systems (including power distribution equipment)
- Installs electrical circuits, as well as panels, conduit, protecting devices, switches, and equipment.
- Works on electrical failures and replaces components wherever production time is often affected
- Corrects connections and wiring on equipment controls wherever incorrect applications may cause harm and dangerous conditions
- Conducts preventive and maintenance programs
- May install, maintain, and calibrate industrial equipment and connected devices
- Complies with standards and procedures of industry, Safety Manual, and abide by safety rules.
- Complete all necessary college work on time and to the correct standard.
- Individuals must be able to work alone and as part of a team

Applicants must have GCSE Grade 4/C or above in English and Maths and ideally ICT.

Salary

The successful applicants will start in September on a salary of £3.70 per hour with increments based on successful progression.

To Apply

Interested in this or any of our other apprenticeship vacancies? Apply online at www.seta.co.uk Please click on Engineering at the top of the online form and quote reference **arelec** in the reference box.