

Post Specification

Post Specification - Key Information

- **Post Title: Electrician**
- **Date: April 2023**
- **Post Group Number: PG5836**
- **Job Family: Operations**
- **Job Family Role Profile: OP7ii**
- **Final Grade: 8**

To be read in conjunction with the job family role profile.

Service Area Description

Sustainable Transport and Highways.

Purpose of this Post

To be part of a team responsible for the maintenance and provision of street lighting, illuminated signage and other associated street furniture. To ensure that all work activities are carried out with a focus on performance, safety and quality.

Key Job Specific Accountabilities

1. Carry out basic and detailed repairs to street lighting columns, networks and other illuminated equipment.
2. Cleaning inside and outside lanterns, bollards, illuminated signs, traffic signals and other street furniture.
3. Carry out investigations, test and repairs to the private street lighting cable network.
4. Assist in the inspection and testing of all Cumbria County Councils unmetered supplies.
5. Prepare fault reports for submission to the DNO.
6. To fault locate and repair other electrical installations within operational buildings throughout the county.
7. Understand, interpret and action associated risks to all site activities.
8. Changing lamps and photocells as part of a bulk change and clean programme either alone or as part of a team.
9. Installation of lamp columns, signposts and plate, bollards floodlights and flashing beacons, electrical supply etc, including excavation for ducting, temporary re-instatement and cabling.
10. Repairs to lanterns, fittings and columns, including drilling and tapping as well as erection of road signs.
11. Replacement of fuses, painting or marking of street furniture, replacing and reconnecting control and other components.
12. Maintain and accurately complete of all paperwork, job sheets and other relevant documentation
13. Safe operation of MEWP's and other access vehicles.
14. Participate in the winter maintenance operations and other out of hours functions of the service.
15. Operate small plant and tools.
16. Ensure all operations are carried out in full compliance with health, safety, and environmental legislation.

17. Ensure all works are delivered to a high standard and within time constraints.
18. Assist in other duties which may reasonably be expected within the role.

Key Facts and Figures of the Post

- **Budget Responsibilities:** N/A
- **Staff Management Responsibilities:** Act as mentor to apprentices where necessary
- **Other:** Plant equipment, Materials, Small plant and tools, MEWP's and other associated street lighting vehicles

Essential Criteria

- Full UK driving licence.
- City and Guilds part 1 and 2.
- City and Guilds 2391 (Inspection and testing) certificate.
- NVQ/SVQ3 in highway electrical standards or equivalent.
- G39/2 Certification.

If undertaking severe weather or winter service delivery as a Driver, then there is also a requirement to hold:

- LGV Licence Class C or C1
- Winter Maintenance NVQ 6159
- Loading shovel / Telehandler Certificate

If undertaking severe weather or winter service delivery as a Mate, then there is also a requirement to hold:

- Loading shovel / Telehandler Certificate
- HGV Class 1 or 2. (Desirable)

- CSCS holder. (Desirable)
- HIAB Certification.(Desirable)
- BS 7671 Wiring Regs Cert.(Desirable)
- Experience in electrical installation and maintenance.
- Experience in electrical testing and diagnostics.
- Experience in working on live systems.
- Use of plant and equipment associated with the function, including TESPAs banding.
- Worked within a customer focused service where personal conduct is key.
- Knowledge of the Electricity at Work Regs.
- Knowledge of street lighting components.
- Knowledge of procedures associated with testing, repair and maintenance of illuminated assets.
- Knowledge in the safe use of tools, equipment and plant.
- Working knowledge of health and safety within the field including manual handling.
- Working knowledge of COSHH regulations. (Desirable)
- Ability to work with a minimum of supervision.
- Ability to communicate effectively with all stakeholders.
- Ability to meet targets and deadlines to achieve workload.
- Ability to interpret site plans and utility drawings
- Able to undertake internal/external training.
- Flexible and able to travel throughout Cumbria and the surrounding areas.
- Must be flexible within the teams and be willing to carry out a variety of task as necessary.

Be willing to support the service by being available for winter gritting and call out.

Disclosure and Barring Service (DBS) Checks

- This post does not require a DBS check.

Job Working Circumstances

- **Emotional Demands:** The post holder is exposed to minimal emotional demands.
- **Physical Demands:** Considerable to high levels of effort required.
- **Working Conditions:** Exposure to adverse weather conditions and other hazards.

Other Factors:

Employees will be expected to carry out functions to support the winter service.

These will take the form of a driver and a mate where conditions dictate. The requirements for both of these roles are listed below: -

Driver Responsibilities

- Safe operation of specialist winter maintenance fleet including gritters, ploughs and blowers; including pre-use inspections, ensuring load safety, safe driving sometimes in severe winter weather conditions along with post service inspections, cleaning and lubrication.
- Analysis of road conditions and road geometry and instigation of amendments to rate of spread and spread pattern to meet changing conditions.
- Efficient operation of Spargo (or equivalent) control box.
- Ongoing reporting of road conditions to Winter Supervisors and liaison on treatment changes.
- Inspection of the network and recommendation of treatment requirements.
- Ongoing risk assessment of weather and road conditions whilst on the network and appropriate intervention to ensure team and vehicle safety.
- Monitoring of salt spreading sensor outputs to ensure full treatment.

Mate responsibilities

- In liaison with the driver ensure the safe operation of the vehicle.
- Assist in fitting specialist equipment; ploughs and blowers.
- Loading of winter maintenance vehicles.
- Assisting driver in negotiating road hazards especially when plough and blower attached.
- Assist driver in monitoring road conditions and traffic during adverse weather events.
- Carry out footway de-icing with hand spreaders.