



SWINDON
BOROUGH COUNCIL

Job Title: Higher Skill Highway Electrician	Role Profile Number: SBC_10031
Grade: CFL 7	Date Prepared: March 2017
Directorate/Group: Highways & Transport	Reporting to: Highway Street Lighting Manager.

Job Context

To ensure the continued good working order of the street lighting asset.

Job Purpose:

To install, service, maintain and test all attributes of the Boroughs street lighting asset.

Key Accountabilities:

- Work in compliance with all current electrical regulations & to enforce highway legislation, Acts of Parliament &—including regulatory standards associated with street lighting maintenance.
- To install, service, repair, maintain and install all types street lighting equipment.
- To carry out the following detailed works:
 1. 3 phase and single phase supplies in SBC buildings & properties.
 2. High level steel & PVC conduit in SBC buildings & properties.
 3. Kopex installations in SBC buildings & properties.
 4. Rectify faults to SBC Housing/buildings switch rooms.
 5. High level roofing/guttering repairs to SBC housing & buildings.
 6. CCTV installations to SBC housing, buildings & properties.
 7. High level lighting repairs to SBC housing, building, properties & car parks.
 8. High level graffiti cleaning for SBC Street Cleaning Services.
 9. High level structural inspections and testing to SBC housing, properties and car parks.
- Analytical & judgemental skills to be able to assess problems, interpret complex information with various types of street lighting electrical installations, including private underground cable distribution networks, and decide the appropriate measures to correct faults without delays.
- Competent in the use of digital electrical testing equipment, and ensuring accuracy in recording test results.
- Maintain vehicle stock to ensure continued service delivery without delays.

- Liaise with all emergency services for both in hours, or out of hour highway electrical incidents.
- Liaise with utility services if required.
- Be part of a team for out of hour's standby on a rota system.
- Complete all work by allotted target date, and complete all paperwork clearly.
- To maintain the required qualifications for delivering the service, and as part of professional development.
- Participate in the training of others, which includes apprentices, and or trainees.
- To promote, and maintain excellent customer care at all times.
- To drive and be responsible for an allocated vehicle up to 7.5 tons, ensuring all daily vehicle checks are completed before commencement of duties.
- To maintain the required HEA & NHSS Sector Scheme qualification

Knowledge, Experience & Skills

- Comprehensive experience of working on both single & dual carriageway roads with traffic speeds up to 60MPH.
- Excellent street lighting electrical maintenance experience, or 2 years post qualification electrical experience in both domestic and commercial installations.
- Demonstrable knowledge of New Roads & Street Works Act 1991.
- Excellent understanding of Electricity at Works Regulations 1989.
- Excellent understanding of The Electricity (Un-metered Supply) Regulations 2001.
- Excellent understanding of BS7671:2008 17th Edition IET Wiring Regulations
- Good understanding of the ILP 'Better Lit Streets' guidelines.
- Good level of intelligence and self-awareness.
- Demonstrable knowledge of good health & safety practices around electrical equipment.
- Experience of working in a public domain.
- The ability to work on your own, or as part of a team and resolve complex electrical faults
- Full driving license to drive vehicles up to 7.5 tons ULW.
- Proven experience of working at height of up to 15M.
- Cable jointing work using extremely hot or hazardous materials under COSHH regulations.
- Have good knowledge, and understanding of other highway maintenance & construction crafts, including underground Utilities.

Qualifications

- City & Guilds 2365 or 2357 or equivalent recognised qualification in electrical installation or electrical technology.
- NVQ level 3 in electrical installation or electrical technology.
- AM2 trade test or equivalent within the electrical industry.
- BS7671:2008 17/18th Edition IET Wiring Regulations.

- G39/1 Working in the Vicinity of DNO & IDNO Equipment (preferred).
- CPC Professional drivers' card (preferred).
- IPAF & PASMA (preferred).

Decision Making

- Critical thinking analysis
- Ability to make decisions based on a structured process, and own initiative.
- Ability to prioritise own workload.
- Direct responsibility to make decisions which will affect the future well-being of road users and pedestrians.

Creativity and Innovation

- Ability to be proactive in identifying and improving work attributes
- Flexibility to meet the varying demands of the role
- Works autonomously in a pressured environment

Contacts and Relationships

- Verbal & telephony contact with all SBC staff including elected members.
- Verbal & telephony contact with staff from other organisations including emergency services and utility companies.
- Verbal contact with members of the public in a courteous & polite manner, ensuring SBC is promoted in a positive approach at all times.

<p><u>Job Scope</u></p> <p>Number and types of jobs managed: Some supervision of trainees at times.</p>	<p>Budget Holder</p> <p>Responsibility</p> <p>Purchasing Authorisation</p> <p>Vehicle: Vehicle Mounted Platform</p> <p>HIAB crane lorry</p> <p>Tools & equipment</p> <p>Vehicle stock</p> <p>Personal tools</p> <p>Asset Responsibility:</p>	<p>No</p> <p>Yes</p> <p>£250.00</p> <p>£68,000.00</p> <p>£120,000.00</p> <p>£2500.00</p> <p>£2000.00</p> <p>£1000.00</p> <p>Yes.</p>
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Other Key Features of the role

Working environment / emotional / physical conditions

- Occasional intense emotional demands on the jobholder due to RTC's.
- Outside working environment on the highway, and in all weathers.
- Working at height.
- Working on live un-metered supplies (G39/1).
- Long periods of standing/bending/crouching.
- Vibration, noise & dust.
- Potential of verbal & physical abuse from public.
- Contact with diseases (Weill's/ Leptospirosis/ Hepatitis)