

Job Description

Post Title	Senior Technician (Traffic Signals Installation & Maintenance)
Job Evaluation	A6081
Grade	7
Service	Regeneration, Economy & Growth
Service Area	Transport & Contract Services – Strategic Traffic
Reporting to	Traffic Signals and UTMC Team Leader
Location	Your normal place of work is Corten House, Aykley Heads, but you may be required to work at any Council workplace within County Durham
Disclosure and Barring Service (DBS)	This post is not subject to a disclosure.
Flexitime	This post is eligible for flexitime
Politically restricted	This post is not designated as a politically restricted post in accordance with the requirements of Section 1(5) of the Local Government and Housing Act 1989 and by regulations made from time to time by the Secretary of State

Description of role

To provide support and technical support within the Traffic Signals and UTMC team.

The post holder is required to undertake a variety of design and administrative duties relating to traffic management, road safety engineering and transport planning.

Duties and Responsibilities

- Assist with the design, Installation, maintenance, testing and commissioning of permanent traffic signals.
- Analyse and assess the performance of traffic signal junctions and crossings to identify improvements and optimise operation.
- Assist with Installing and commission Urban Traffic Management & Control (UTMC) and other Intelligent Transport Systems (ITS).
- Assist with the Planning, co-ordinate and manage the installation of traffic signal, UTMC & ITS projects including liaising with specialist traffic signal & ITS contractors.
- Undertake annual inspections including identification and implementation of preventative maintenance activities to prolong the continued operation of the asset.
- Assist with the Analysis and assess the performance of the County Council's UTMC and other ITS systems to identify improvements and optimise operation.

- Plan, co-ordinate and supervise the installation of traffic signal, UTMIC & ITS projects including liaising with specialist traffic signal & ITS contractors.
- Undertake traffic signal and UTMIC maintenance including the diagnosis, reporting & rectification of faults.
- Undertake the commissioning, development, maintenance, and management of the traffic signals (RMS) Remote monitoring system.
- Commission, operate and manage the UTC, SCOOT & MOVA traffic signal control system to co-ordinate traffic signals to manage the highway network effectively and discharge the statutory duties of the Traffic management Act.
- Maintain operational stands in accordance with current electrical regulations and health and safety policies and procedures.
- Take part in out of hours standby rota for signal maintenance activities if required by the service.
- To supervise, guide, mentor and advise less experienced members of the section.
- To have a knowledge and awareness of government policies and local procedures.

Organisational Responsibilities

Values and behaviours

To demonstrate and be a role model for the council's values and behaviours to promote and encourage positive behaviours, enhancing the quality and integrity of the services we provide.

Smarter working, transformation, and design principles

To seek new and innovative ideas to work smarter, irrespective of job role, and to be creative, innovative and empowered. Understand the operational impact of transformational change and service design principles to support new ways of working and to meet customer needs.

Communication

To communicate effectively with our customers, managers, peers and partners and to work collaboratively to provide the best possible public service. Communication between teams, services and partner organisations is imperative in providing the best possible service to our public.

Health, Safety and Wellbeing

To take responsibility for health, safety, and wellbeing in accordance with the council's Health and Safety policy and procedures.

Equality and diversity

To promote a society that gives everyone an equal chance to learn, work and live, free from discrimination and prejudice and ensure our commitment is put into practice. All employees are responsible for eliminating unfair and unlawful discrimination in everything that they do.

Confidentiality

To work in a way that does not divulge personal and/or confidential information and follow the council's policies and procedures in relation to data protection and security of information.

Performance management

To promote a culture whereby performance management is ingrained and the highest of standards and performance are achieved by all. Contribute to the council's Performance and Development Review processes to ensure continuous learning and improvement and to increase organisational performance.

Quality assurance (for applicable posts)

To set, monitor and evaluate standards at individual, team and service level so that the highest standards of service are delivered and maintained. Use data, where appropriate, to enhance the quality of service provision and support decision making processes.

Management and leadership (for applicable posts)

To provide vision and leadership to inspire and empower all employees so they can reach their full potential and contribute to the council's values and behaviours. Managers and leaders must engage in personal development to ensure they are equipped to lead transformational change; always searching for better ways to do things differently to meet organisational changes and service priorities.

Financial management (for applicable posts)

To manage a designated budget, ensuring that the service achieves value for money in all circumstances through the monitoring of expenditure and the early identification of any financial irregularity.

The above is not exhaustive and the post holder will be expected to undertake any duties which may reasonably fall within the level of responsibility and the competence of the post as directed by your manager.

Person Specification

Attributes	Essential	Desirable
Qualifications	Applicants must hold one of the following qualifications: • Level 3 qualification in Electrical Installation • Level 3 qualification in Electrical Maintenance • Level 3 qualification in Electronics • ONC in Electrical or Electronic Engineering • Equivalent relevant qualification • Currently working towards an HNC in Electrical or Electronic Engineering	• BS7671 IEE Wiring Regulations. • Current Full Driving Licence • Time served electrician/technician • New Road and street Work Act (NRSWA) signing, lighting and guarding.
Experience	• Experience of electrical installation. • Experience of electrical testing and fault finding.	• Traffic Signal installation and maintenance experience.
Skills and Knowledge	• Good knowledge of current design standards, guidance and regulations relating to electrical installations & wiring • Knowledge and understanding of electrical safety & regulations relevant to design, maintenance & installation. • Working with hand tools and electrical test equipment • Working at height on electrical equipment • Ability to analyse and resolve complex technical problems. • Good analytical and decision-making skills	• Knowledge of guidance and regulations relating to traffic signals including configuration and wiring
Personal Qualities	• A flexible approach to work and a capability to work under pressure to deadlines. • Willingness to undertake further training and development	• Ability to work as part of a multi-disciplined team.

	• Ability to work in poor weather conditions • Willingness to attend faults outside of normal working hours as and when required. • Self-motivated and able to work under own initiative, but in accordance with the priorities of the section.	
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