

JOB DESCRIPTION**PREPARED BY:** Daniel Morris / Scott Linley**POSITION:** Engineering Development Manager**EMPLOYER:** MOTUS TRAFFIC LIMITED**1. Job Details:**

Job Title:	Technical Support Engineer / Trainee Technical Support Engineer
Closure Date:	5 th May 2019
Base Location:	Motus Traffic 342 Coleford Road, Darnall, Sheffield, S9 5PH
Job Reports To:	Principal Engineer
Purpose of the job:	<p>To assist the Principal engineer in providing a fully skilled and flexible service, delivering a high standard of work with a flexible approach focused on customer service. This is achieved through two main roles, firstly supporting new and updated installations of traffic control systems, and secondly supporting maintenance contracts and other installations by advising and providing technical support until an acceptable technical solution is found to the customer's satisfaction.</p> <p>The former is achieved through conducting FATs in Motus Depots and Customer Locations, SATs on site, overseeing any technical problems during this process, and following up snagging post-switch on. Also undertaking RMS, MOVA and UTC on-site and/or in-station set-up, validation and provide technical support as necessary. Assistance with configurations may also be required.</p> <p>The latter is achieved through detailed on site fault-finding, testing and repairing of traffic signal systems and/or associated equipment on site and in the depots.</p> <p>This position is open to established engineers or anyone wishing to advance their career in the traffic signal industry.</p>
Job Context:	<p>This position is office and field based. The post may require visits to other locations and sites. There will inevitably be cover for other Engineers and working away for short periods of time. It is not anticipated that this role would cover standby duties unless absolutely necessary to cover holidays or sickness/absence.</p>

2. Principal Duties:

The below list of job duties is not exclusive or exhaustive and the post holder will be required to undertake such tasks as may reasonably be expected within the scope and grading of the post.

<p>Financial:</p>	<ul style="list-style-type: none"> • Complete daily worksheets detailing time and materials in a timely and efficient manner as necessary. • Ensure all tasks are completed within allocated deadlines. • Ensure good communication back to the Engineering Development Manager to facilitate invoicing of work on time as appropriate.
<p>Operational:</p>	<p>Operational duties of a technical support engineer are given below. As a trainee technical support engineer you will be working towards gaining these skills.</p> <ul style="list-style-type: none"> • Conduct FATs for customers in Motus or Customer Locations • Be able to inspect a site pre-commissioning for technical correctness, and direct installation engineers as necessary to correct any defects. • Ability to read and understand all aspects of technical certification such as loop certificates and electrical certificates issued by Motus and Third Parties. • Conduct SATs on site with customer, assuming responsibility for the correct paperwork, certificates and high standard of workmanship has been achieved on site. • Be responsible for and oversee any snagging and ensure that it is dealt with in an efficient manner acceptable to the customer / Operational Manager. • Undertake installation, commissioning and where possible validation of RMS, MOVA, and UTC systems both on site and within the customer in-station environment. • Installing / setting up various sorts of traffic equipment on site from simple MVDs to more complex systems including wiring or re-wiring of controllers. • Customising controllers to ensure they are fit for purpose. • Creating PROMS and printing paperwork • There may be a requirement to assist with configuration work, liaising with others in the Technical team. • Attend site to undertake detailed fault analysis, and where necessary fix and test equipment installed on site. This role is not about advising someone else to fix. • Provide detailed analysis and fault reports where necessary. • Provide electrical testing and support with certificates where necessary • Be available to assist Motus employees by telephone or where necessary in person on site when they call up for technical assistance. • Be prepared to find, read and understand equipment and/or component specifications autonomously. • Participate in regular technical meetings at regional and national level. • Prioritise Jobs according to business requirements.
<p>Personnel:</p>	<ul style="list-style-type: none"> • Attend toolbox talks on a regular basis. • Attend team briefings as and when required. • Provide toolbox talks to other employees as required • High personal standards and positive outlook • Be willing to train others and communicate with other Motus Staff as necessary

	<ul style="list-style-type: none"> • Understand Motus company policies, including Health and Safety. • Report any Health & Safety issues to the line Manager. • Report to Principal Engineer on regular basis. • Be able to promote the company values, but also ensure that where necessary company policies and procedures are followed when dealing with customers. • Remain professional and not bring company into disrepute internally or externally.
--	--

3. Person Specification:

Experience	Trainee	Non-Trainee
Years Req'd Traffic Signal Industry Experience	2	3+
Years Req'd Traffic Signal Installation Experience	2	3+

The below table demonstrates the Essential/Desirable skills we are looking for from an applicant and will be considered as part of our applicant vetting process. To identify what is required please refer to the table key:

Table Key: *Essential = E*
 Desirable = D

Skill/Qualifications	Trainee	Non Trainee
18 th Edition Qualified or working towards	<i>E</i>	<i>E</i>
17 th Edition Qualified	<i>D</i>	<i>E</i>
Working knowledge of Traffic Signal Principles	<i>D</i>	<i>E</i>
Working knowledge of Traffic Signal Controllers (including 3 rd party)	<i>E</i>	<i>E</i>
Working knowledge of RMS, MOVA and UTC systems	<i>D</i>	<i>E</i>
Understanding UTC systems including Instation Database to enable validation	<i>D</i>	<i>D</i>
Ability to write MOVA Data Sets and undertake MOVA validation	<i>D</i>	<i>D</i>
Working knowledge of various configuration packages/software (including 3 rd party)	<i>D</i>	<i>E</i>
Experience of carrying out FAT's and SAT's	<i>D</i>	<i>E</i>
Knowledge in the use of electrical/electronic test equipment	<i>E</i>	<i>E</i>
Understanding of networking for controller communication	<i>D</i>	<i>E</i>
Working understanding of Site Safety	<i>E</i>	<i>E</i>
Understanding of CDM	<i>D</i>	<i>E</i>
Excellent communication skills (oral/written)	<i>E</i>	<i>E</i>
High level of self-motivation and enthusiasm	<i>E</i>	<i>E</i>
Complex trouble shooting skills	<i>D</i>	<i>E</i>
Intermediate trouble shooting skills	<i>E</i>	<i>E</i>
Excellent PC/IT Skills (to include use of various Microsoft packages)	<i>E</i>	<i>E</i>
Ability to work positively within a team	<i>E</i>	<i>E</i>
Ability to work on own initiative	<i>E</i>	<i>E</i>
Strong organisational skills	<i>E</i>	<i>E</i>

JOB DESCRIPTION



There will be times when you are required to undertake additional tasks, duties and responsibilities within your capabilities. The company reserves the right to vary your tasks, duties and responsibilities at any time from time to time according to the needs of the business.

However, you will not be assigned to duties or required to perform services which you cannot reasonably perform or which are outside the range of your normal skills and experience.

There will also be times when you may be asked to transfer, either temporarily or permanently, to an alternative job within the company. Where this is agreed with you, either on a temporary or a permanent basis, it will be confirmed to you in writing.

To apply for this position please send your CV and a covering letter by email to:

Scott.linley@motustraffic.com

Alternatively please address them to:

Scott Linley
342 Coleford Road
Darnall
Sheffield
S9 5PH

Please note any applications received after the closing deadline will not be considered.

Motus is committed to promoting a diverse and inclusive community - a place where we can all be ourselves and succeed on merit. We offer a range of family friendly, inclusive employment policies, flexible working arrangements, staff engagement forums, facilities and services to support staff from different backgrounds.

Motus are an Equal Opportunity Employer. We do not discriminate on the basis of race, religion, colour, sex, gender identity, sexual orientation, age, non-disqualifying physical or mental disability, national origin or any other basis covered by appropriate law. All employment is decided on the basis of qualifications, merit, and business need.