

Midland Metro Limited (MML) – Electrical Maintenance Engineer (Signalling and Telecommunications Team)

Post Title:	Electrical Maintenance Engineer (Signalling and Telecommunications Team)
Department:	Infrastructure
Location:	Midland Metro Limited
Reporting to:	Infrastructure Signalling and Telecommunications Team Leader
Direct Reports:	Infrastructure S&T department when acting up as team leader
Role Purpose:	<ul style="list-style-type: none"> • To support Midland Metro Ltd.'s mission which is to provide a safe and dependable tram service • To undertake work for MML Signalling and Telecommunications infrastructure ensuring it is carried out in a safe and efficient manner, compliant with applicable standards
Role Responsibilities:	<ul style="list-style-type: none"> • Ensuring inspection and maintenance tasks are being completed in a timely manner and in compliance with the planned maintenance schedule • Ensuring the work tasks follow the correct procedures • Work in a safe and professional manner • Report all work activities and faults to the S & T Team Leader • Complete all relevant paperwork in a timely manner and/or update the Asset Management Information System • All maintenance and repairs of the West Midland Metro signalling and telecommunications equipment • Oversight of contractors carrying out planned works on the signalling and telecommunications equipment • Assisting in test and commissioning of new systems • Switching of electrical substations • Assist other disciplines with the Infrastructure department • Assisting with the development and continued improvement of the Asset Management Information System • Involvement may be necessary when external contractors are required to conduct any planned works • Continuous assessment and improvement of working practices embracing new technologies • Attend any new training required to carry out duties • On call duties • Other duties as may reasonably be required by MML management • Succession management to role of team leader as required

	<ul style="list-style-type: none"> • Night shift work to perform maintenance and repair work as may reasonably be required by MML management.
<p>Training:</p>	<ul style="list-style-type: none"> • Hanning and Kahl points machine and control units' course (based in Germany for one week) • Ansaldo L88 points machine training • Telecommunications and fibre course • Basic signalling to level two standard • Smartrams operational and maintenance course • SCADA (Supervisory Control and Data Acquisition) course • Training in line with Infrastructure competency matrix • Look out • PICOP/PIC (Person In Charge Of Possession/Person In Charge) • Personal track safety • Points clipping, scotching and cranking • PriMOSS (Principal Member Of Staff On Scene) • Electrical principles course • Manual handling • Competent person substation course • IOSH • Courses for new equipment installed as part of upgrade or new extensions
<p>Health & Safety:</p>	<ul style="list-style-type: none"> • To be aware of your personal security and the security of your vehicle or place of work • To comply with health and safety instructions and directives issued by management. • To use the appropriate safety equipment properly • To wear Personal Protective Equipment where applicable and report any loss • To refrain from the wilful misuse or interference with anything provided in the interests of health, safety, and welfare • To refrain from any action that might endanger themselves, other employees, customers, or members of the public • To ensure that all necessary safety precautions are taken and, if they are in a management or supervisory position ensure that instructions are provided • To report immediately any accidents, incidents or near misses to your line manager as soon as possible and always within 24 hours. This should include both personal injury and vehicle damage • To attend and cooperate in any investigation following an incident as required. • To cooperate with your employer in attending and actively participating in any health and safety related training courses as required • To report immediately any hazard, faulty equipment or health and safety concern to your line manager and ensure action is taken to make the hazard safe i.e. fencing them off, using signs etc

Decision Making Authority:	<ul style="list-style-type: none"> • Within the remit of the job responsibilities
People Management:	<ul style="list-style-type: none"> • Supervision of contractors as and when required
Legislation & Compliance:	<ul style="list-style-type: none"> • In common with the whole rail industry, the successful applicant will be required to pass a stringent drugs and alcohol test

Person Specification – Electrical Maintenance Engineer (Signalling and Telecommunications Team)

Tasks:	Level of Experience	Desirable Or Essential
Work Experience:	<ul style="list-style-type: none"> • Experience working as an Industrial Electrician • Working as part of a team • Effective decision-making processes • Substantial experience within the light rail or rail industry in a similar maintenance environment role • A good working knowledge of rail or light rail infrastructure or similar complex signalling and communication systems. • A good working knowledge of, and competent in, electrical/mechanical systems • Use of computer based diagnostic equipment • Competency in signalling maintenance 	Essential Essential Essential Essential Essential Desirable Desirable
Education:	<ul style="list-style-type: none"> • 18th Edition Wiring Regulations • To have achieved GCSE Maths and English at Grade C or above • Electrical qualifications • IOSH • Management qualification to a minimum of ILM 2 or equivalent • Ability to interrogate microprocessor PLC based equipment • Ability to interrogate and program parameters into industrial based safety critical signalling software • Competent in fibre and data maintenance, repair and installation including all associated converters and systems 	Essential Desirable Essential Desirable Desirable Essential Essential Desirable
Managing People:	<ul style="list-style-type: none"> • Experience of leading others and ability to directly manage a team of maintenance technicians, being responsible for their performance and conduct at work 	Desirable
Communication:	<ul style="list-style-type: none"> • Excellent interpersonal skills, able to communicate effectively at all levels within and outside the company 	Essential

	<ul style="list-style-type: none"> • Excellent written and verbal communication skills 	Desirable
Additional Qualities:	<ul style="list-style-type: none"> • A flexible approach to working hours • Ability to use own initiative 	Essential Essential
Personal Attributes:	<ul style="list-style-type: none"> • To be trustworthy • To be reliable and punctual • To take pride in their appearance and adhere to the Company Dress Code Policy and Procedures • Good organisational skills to aid the introduction of the 5S principles • Must hold a clean UK driving licence • Must be computer literate 	Essential Essential Essential Essential Essential Essential
Driving through Change:	<ul style="list-style-type: none"> • To have contributed to workplace improvements 	Desirable
Drugs & Alcohol	<ul style="list-style-type: none"> • To undertake drugs and alcohol testing in line with current company procedures and policy 	Essential