

**Midland Metro Limited (MML) – Rail Services Engineer**

<b>Post Title:</b>	<b>Rail Services Engineer</b>
<b>Department:</b>	Engineering - Infrastructure
<b>Location:</b>	Midland Metro Ltd, Wednesbury Depot, Potters Lane, WS10 0AR
<b>Reporting to:</b>	Infrastructure Engineering Manager
<b>Direct Reports:</b>	None
<b>Role Purpose:</b>	<ul style="list-style-type: none"> <li>• To support Midland Metro Ltd.'s mission which is to provide a safe and secure, reliable and sustainable tram service</li> <li>• To ensure the smooth transition from construction into maintenance of the West Midlands Metro overhead line, permanent way, and rail systems</li> <li>• To provide technical support for maintenance activities</li> <li>• To provide engineering assurance for the West Midlands Metro infrastructure overhead line, permanent way and rail systems assets</li> </ul>
<b>Role Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Provide input to infrastructure projects at concept design stage advising contractors on MML standards and best practice on overhead line, permanent way, and rail systems</li> <li>• Undertake design reviews for new infrastructure overhead line, permanent way, and rail systems</li> <li>• Engage with contractors during construction phase to witness site activities and advice on technical changes</li> <li>• Act as MML's point of contact for overhead line, permanent way, and rail systems testing and commissioning activities, review and comment on testing and commissioning documentation participate in testing and commissioning</li> <li>• Identify new maintenance requirements arising from new or renewed overhead line, permanent way, and rail infrastructure and include these in updated maintenance instructions</li> <li>• Support maintenance planning with guidance on suitable spare parts, consumables, tools and equipment for overhead line, permanent way, and rail systems.</li> <li>• Develop capability for reliability improvement for overhead line, permanent way, and rail infrastructure including process for root cause analysis</li> <li>• Review quality of asset information on paper and/or in the AMIS to support asset plans, intervening to improve quality as required</li> <li>• Ensure asset technical records relating to the West Midlands Metro electrical systems are complete, up-to-date and accessible in the WMM Technical Library</li> <li>• Attend site as required to oversee work, inspect the condition of the overhead line, permanent way, and rail infrastructure, or liaise with third party contractors.</li> <li>• Support maintenance planning in identifying competencies required for maintenance work.</li> <li>• Develop the maintenance instructions, procedures, and associated documents, to help improve reliability of overhead line, permanent way, and rail maintenance.</li> </ul>

	<ul style="list-style-type: none"> <li>• Identify internal and external resource requirements to support engineering assurance.</li> <li>• Work night shifts on occasion as may be required to support emergency works or major planned overnight activity</li> <li>• Any other duties that are appropriate to the role.</li> </ul>
<b>Training:</b>	<ul style="list-style-type: none"> <li>• Training in Permanent Way competencies appropriate to the role</li> <li>• OLEC Competency for overhead lines</li> <li>• Look out</li> <li>• PICOP/PIC</li> <li>• Personal track safety</li> <li>• Points clipping, scotching and cranking</li> <li>• Primoss</li> <li>• RAIB accredited agent training</li> <li>• IOSH</li> <li>• Courses for new equipment installed as part of upgrade or new extensions</li> <li>• ILM Level 2</li> <li>• Asset Management Information System (AMIS)</li> </ul>
<b>Health &amp; Safety:</b>	<ul style="list-style-type: none"> <li>• To be aware of your personal security and the security of your vehicle or place of work</li> <li>• To comply with health and safety instructions and directives issued by management</li> <li>• To use the appropriate safety equipment properly</li> <li>• To wear Personal Protective Equipment where applicable and report any loss</li> <li>• To refrain from the wilful misuse or interference with anything provided in the interests of health, safety, and welfare</li> <li>• To refrain from any action that might endanger themselves, other employees, customers, or members of the public</li> <li>• To ensure that all necessary safety precautions are taken and, if they are in a management or supervisory position ensure that instructions are provided</li> <li>• 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</li> <li>• To attend and cooperate in any investigation following an incident as required</li> <li>• 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</li> </ul>
<b>Decision Making Authority:</b>	<ul style="list-style-type: none"> <li>• Within the remit of the job responsibilities</li> <li>• Declare overhead line, permanent way, and rail systems fit for operation or otherwise supported by Infrastructure team</li> </ul>
<b>People Management:</b>	<ul style="list-style-type: none"> <li>• Management of contractors as and when required</li> <li>• To work effectively as a member of the Engineering team</li> <li>• To work collaboratively and collectively with and across multi project teams</li> </ul>
<b>Legislation &amp; Compliance:</b>	<ul style="list-style-type: none"> <li>• In common with the whole rail industry, the successful applicant will be required to pass a stringent drugs and alcohol test.</li> </ul>

### Person Specification – Rail Services Engineer

Tasks:	Level of Experience	Desirable Or Essential
Work Experience:	<ul style="list-style-type: none"> <li>Working as part of a team</li> <li>Effective decision-making processes</li> <li>Worked within the light rail or rail industry for more than five years in a similar maintenance environment role</li> <li>A good working knowledge of rail or light rail infrastructure or similar overhead line, permanent way, and rail systems.</li> <li>Use of computer based diagnostic equipment.</li> <li>Competence of overhead line, permanent way, and rail systems maintenance</li> </ul>	Essential Essential Essential  Essential  Essential Essential
Education:	<ul style="list-style-type: none"> <li>To have GCSE Maths and English at Grade C or above</li> <li>Health and safety qualifications such as NEBOSH or IOSH</li> <li>Management qualification to a minimum of ILM 2 or equivalent</li> </ul>	Essential Desirable Desirable
Managing People:	<ul style="list-style-type: none"> <li>Experience of technical leadership role</li> <li>Ability to directly manage contractors</li> </ul>	Essential Essential
Communication:	<ul style="list-style-type: none"> <li>Excellent interpersonal skills, able to communicate effectively at all levels within and outside the company</li> <li>Excellent written and verbal communication skills</li> </ul>	Essential  Essential
Additional Qualities:	<ul style="list-style-type: none"> <li>A flexible approach to working hours</li> <li>Ability to use own initiative</li> <li>Excellent attention to detail, including making accurate records either computer or paper based</li> <li>Thinking and reasoning skills</li> <li>Will hold a Full UK Driving Licence</li> </ul>	Essential Essential Essential  Essential Essential
Personal Attributes:	<ul style="list-style-type: none"> <li>To be trustworthy</li> <li>To be reliable and punctual</li> <li>Can comfortably work within a team or on their own</li> <li>Able to represent MML in a professional manner at all times.</li> </ul>	Essential Essential Essential Essential
Driving through Change:	<ul style="list-style-type: none"> <li>Keeping up to date with and promoting industry best practice</li> <li>Evaluate technology for automation of tasks or measurements and use of special tools</li> </ul>	Essential Desirable
Drugs & Alcohol	<ul style="list-style-type: none"> <li>To undertake drugs and alcohol testing in line with current company procedures and policy</li> </ul>	Essential