

Role Title:	Senior Electrification Engineer	
Job Holder:	As per Company's Organisational Design	
Reports To:	Team Leader	
Last Updated:	January 2023	
Overall Objective		
<p>As a Senior Electrification Engineer, you will join our growing Electrification team, with the option to be based out of our Melbourne or Sydney offices. You will have the opportunity to work for Rail and Tramway clients, Australia, and New Zealand wide. Your projects will vary from feasibility studies, tender designs, detailed design, and construction support on multidisciplinary projects.</p>		
Responsibility	<ul style="list-style-type: none"> • Makes safety a priority. • Responsible for delivering multiple major projects from initial tender design, detailed design, construction support and hand back. • Manage multiple stakeholders to ensure projects run smoothly, enhances our reputation, and encourages repeat business. • Actively seeks opportunities to develop oneself and mentor junior team members. 	
Technical Depth & Breadth	<ul style="list-style-type: none"> • High level knowledge of rail and tramway systems Australia and New Zealand wide, such as 25kV AC, 1500V DC and 650V DC. • High level knowledge of Earthing and Bonding in rail applications. • Recognised expertise in delivering detailed designs that have included HV and LV designs, producing drawings, calculations, and reports. • Recognised expertise in working with equipment vendors to ensure their equipment is fit for purpose. • Demonstrated ability to deliver complex technical projects and manage budgets. 	
Guidance / Initiative	<ul style="list-style-type: none"> • Self-supervising within guidance and expectations of divisional management. • Provides guidance to several groups of the organization. • Acts independently at the organizational level. • Exercises independent initiative/ judgment in setting & implementing goals. 	
Communication / Interpersonal Skills	<ul style="list-style-type: none"> • Able to effectively train people outside his/her work group. • Able to give effective presentations to critical/high level customers and effectively represent work group on review panels and cross-organizational teams. • Can write convincing proposals and reports with all necessary backup material for external consumption. 	
Competency Level	<p>Exhibits the following overall engineering competency levels</p> <ul style="list-style-type: none"> • Level 2 • Level 3 <p>Note: Levels and descriptions based on Engineers Australia guidance. Refer to the Engineering Competency Matrix (HERE).</p> <p>Shows following proficiency levels for technical tasks associated to relevant practice area</p> <ul style="list-style-type: none"> • Levels 3 • Levels 4 <p>Technical skills and proficiency levels are documented for Practice Areas. Refer to the Skills Matrix (HERE)</p>	

Education & Experience	<ul style="list-style-type: none"> • Bachelor of Engineering (BEng) + 5-10 years of experience. • MTM RIW competency – highly advantageous • CPEng (or equivalent) – highly advantageous • RPEQ – highly advantageous 	
Key Interfaces	<p>Team Leader</p> <p>Technical Directors</p> <p>Market Segment Leader</p> <p>Design Engineers</p>	
Utilization		
Target utilisation is average 80%+		
Authorities		
Role will have delegated authorities according to the delegated authority matrix		