

Senior Earthing Engineer – Role Description

Role Title:	Senior Earthing Engineer	
Job Holder:	As per Company's Organisational Design	
Reports To:	Practice Lead	
Last Updated:	02/06/2022	
Overall Objective		
<p>Middleton Group is looking for a senior earthing engineer to assist with supporting and growing Middleton Group's earthing team. The senior earthing engineer is responsible for technical leadership of earthing design and testing projects for the utility, rail, renewable, industrial, defence, and water markets throughout Australasia.</p>		
Responsibility	<ul style="list-style-type: none"> • Earthing system testing and analysis for large interconnected systems across all market sectors. • Develop and maintain client relationships with an understanding of their complex earthing requirements. • Working with CDEGS specialist earthing design software and the ability to guide and mentor younger team members. • Experience in design of small to large industrial and utility style earthing systems. • Familiarity with a wide range of earthing systems across multiple market segments. • Works on multiple projects of the highest complexity requiring best practices and innovative solutions. • Planning of multiple projects including tracking and budgeting. 	
Technical Depth & Breadth	<ul style="list-style-type: none"> • Consistently demonstrates extremely high levels of technical knowledge along with ingenuity and creativity in developing design and project solutions. • Applies advanced solutions, earthing principles, theories and concepts in HV earthing engineering. • Broad knowledge and ability to apply earthing principles to complex problems. • Recognized as a technical expert within the professional community of their area of expertise. • Demonstrates a high level of expertise and the application of earthing principles in complex problem solving. 	
Guidance / Initiative	<ul style="list-style-type: none"> • Self-supervising within guidance and expectations of team and project management. • Provides guidance to several groups within the organization. • Acts independently at the organizational level with outcomes reviewed by team/project lead. • Exercises independent initiative and judgment in setting and implementing goals. 	
Communication / Interpersonal Skills	<ul style="list-style-type: none"> • Able to effectively train people outside their direct team or project group. • Able to give effective presentations to critical/high level customers and effectively represent team or project group on review panels and cross-organizational teams. • Able to 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 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 <p>Technical skills and proficiency levels are documented for Practice Areas. Refer to the Skills Matrix (HERE)</p>	
Education & Experience	Bachelor of Engineering (BEng) + minimum of 7 years of relevant experience.	
Key Interfaces	<p>Managing Director</p> <p>Director – Sustainable Growth</p> <p>Technical Directors</p> <p>Practice Area Lead</p> <p>Job Directors</p>	
Utilization		
Target utilisation is average 80%+		
Authorities (If applicable, describe the authority permitted to this position by indicating recommendations/decisions expected from the role)		
Role will have delegated authorities according to the delegated authority matrix.		