

Job Title:	Senior Electrical Design Engineer		Level: Staff SG3	Ref: CCL.JD 2024/35 issue 1 June 2024
Report to:	Line Management:	Engineering Manager	Functional Management:	Engineering Manager
Job Description:	<p>The main duties of this role will be to:</p> <ul style="list-style-type: none"> • Develop designs and specifications for control systems for Wellman Booth products. • Co-ordinate site, application and design engineering resources to meet project's technical requirement. • Ensure effective interface between design, production, procurement and site to optimise project costs and implementation. • Develop a working understanding of Crane Industry Standards. • Manage technical content of projects with respect to cost, quality, contract documentation, specifications, etc. • Manage engineering content of projects to budget (i.e. design hours, outsourcing, site labour, etc.) • Manage the electrical engineering content of the above. • Attend Customer sites when necessary. • Liaise with customers engineering representatives. • Any other duties as directed by the Engineering Manager which are within the Engineers' capabilities. 			
Key Accountabilities	<ul style="list-style-type: none"> • Performance of technical content of project to time, budget and quality • Design engineering interface with production, procurement, installation and commissioning. • Technical project requirements. 			
Education & Qualifications:				
	<ul style="list-style-type: none"> • Degree in electrical engineering preferred although comparable qualifications and experience will be considered. 			
Experience & Key competencies:				
	<p>Ideally to have:</p> <ul style="list-style-type: none"> • Design engineering experience in a drawing office environment. • Project management awareness. • Constructive approach to work within a dedicated team. • IT skills (Word/Excel/Outlook) together with a working knowledge of AutoCAD Electrical 2020 / 2022. • Excellent communication skills. • Knowledge of low voltage motor speed control applications • Knowledge of materials handling equipment • Knowledge of relay logic and designing to meet BS EN 13849 Safety of machinery and BS EN 61508 Functional safety of electrical/ electronic/ programmable electronic safety-related systems 			
Interfaces:	Internal:	Product engineering, project management, procurement, production, site engineering, commercial, finance, principal mechanical and electrical engineers		
	External:	Suppliers, alliance/JV partners' engineers		