

Job Title:	Mechanical Design Engineer	Level:	Reference: CCLJD 2021/07 Issue 2 March 2025
Report to:	Line Management: Engineering Manager	Functional Management:	Engineering Manager
Job Description:	<p>The main duties of this role will be the following:</p> <ul style="list-style-type: none"> • production of design layouts and manufacturing drawings for the individual requirements of cranes and material handling applications • production of calculations in line with recognised standards as required • Produce purchase specification and liaise with suppliers • Review and check 'in-house' and 'outsourced' detail drawing work • Adhere to the design review process. • Deliver projects in line with customer requirements and business cost, quality and programme targets • Attend Customer sites when necessary • Attend training courses when necessary • Any other duties as directed by line management which are within the trainees' capabilities. 		
Key Accountabilities:	<ul style="list-style-type: none"> • Contribution to the performance of technical content of project to time, budget and quality • Interface with production, procurement, installation and commissioning • Working towards the achievement of required academic qualification 		
Education & Qualifications:			
	<ul style="list-style-type: none"> • Minimum to B/TEC Level 3 National Diploma in Mechanical Engineering 		
Experience & Key competencies:			
	<p>Ideally to have:</p> <ul style="list-style-type: none"> • The ability to be proactive in own learning to successfully achieve desired results required at the end of the training period. • Good communication skills (verbal and written). • Excellent IT Skills including AutoCAD & Inventor. • Knowledge of medium to heavy engineering through practical achievements to date. 		
Interfaces:	Internal:	Product engineering, project management, procurement, production, site engineering, commercial, finance, principal mechanical and electrical engineers	
	External:	Suppliers, alliance/JV partners' engineers	