

Role Profile: Head of Mechanical Engineering Team

Business Unit: Job Family: Department name:		Megger Instruments Limited Engineering Mechanical Engineering	
Core purpose: The Head of the Mechanical Engineering Team will lead and develop the Mechanical Engineering team, as well as the product change control team, with overall responsibility for mechanical design, product updates, and development activities associated with developing and manufacturing electronic/electrical test equipment. The Head of the Mechanical Engineering Team will lead the new 3DX/PLM implementation and will also ensure that the remote team in USA (or any other location) is fully aligned with the Dover team processes and tools, as well as adhere to the same quality standard.			
Role Summary: <ul style="list-style-type: none">• The Head of the Mechanical Engineering Team will lead the new 3DX/PLM implementation.• Lead and supervise all resources within the Mechanical Engineering and product change team, as per organization structure.			
Reports to	Technical Director	Number of direct reports for role	Up to 5 direct and up to few indirect
Primary objectives <ul style="list-style-type: none">• Work collaboratively with senior leadership in implementing the company's mission, values, and strategic goals.• The Head of Mechanical Engineering will lead a team that is responsible for all aspects of mechanical engineering and keeping the product up to date by leading the product change team.• The post holder will understand the details of the overall mechanical design to outline and drive a strategic vision for the team in line with the business strategy.			Customers Internal: Product Management, Production, Quality

Main Responsibilities		
Key Result Area	Specific Activities	Measure

<ul style="list-style-type: none"> • Lead Implementation of 3DX/PLM • Lead all the mechanical activities to achieve business goals • Assess the existing tools and processes fit for purpose • Work together with other heads of engineering and project managers to improve the efficiency and accuracy of the deliveries 	<p>Manage and report on the daily activities of the Mechanical Engineering team to deliver designs and products on time and on budget</p> <p>Responsible for the specification and setup of the organization and management of all engineering drawings, CAD models, PDM, and change control for the engineering organization including final design approval for all mechanical subcomponents.</p> <p>Deliver technology and products that meet performance, cost, and quality metrics</p> <p>Manage the design and development of the product, mechanical, thermal, environmental, lifetime, reliability, and manufacturing aspects of the terminal.</p> <p>Drive continuous improvement initiatives in the areas of analysis, design, and performance of the mechanical systems within our terminal products.</p> <p>Support the certification of products under electrical, environmental, and operational standards.</p> <p>Implement, manage, and control the engineering drawings, models, and change orders within the organization.</p> <p>Assist in the design of production/assembly line jigs and fixtures and any relevant work instructions as part of a volume production facility. Contribute to the design of associated test stations as needed.</p> <p>Manage multiple programs/products simultaneously and be able to manage through times of conflicting and dynamic priorities.</p> <p>Provide effective and efficient design support during the conceptual design, detailed design, integration, and test phases of a product development program, with the goal of achieving on-</p>	<ul style="list-style-type: none"> • Successful implementation of 3DX/PLM • Mechanical team performance improvement • Tools and processes improved to assist the delivery of objectives • Reduce the number of non-compliance • Ensure the collaboration of work takes place across the sites and group initiative been lead and supported
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	<p>time and budget completion of assigned tasks.</p> <p>Prepare and present design and analysis summary material during internal and external design reviews.</p> <p>Translate product requirements and specifications into technical requirement and specifications.</p> <p>Contribute to the development of appropriate internal and external procedures and processes that self-manage the overall engineering group's activities in a formal framework.</p>	
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Experience, Skills & Knowledge required to be successful in role	
Technical Skills/Knowledge/Qualifications	Soft Skills
<p>Leadership Skills & Knowledge</p> <ul style="list-style-type: none"> • Demonstrated ability to lead and develop an Engineering team. • Sound understanding of line management responsibilities; workload management; project management requirements; recruitment and selection; health and safety and professional mentoring. • Demonstrable organisational and personal time management skills. <p>Essential</p> <ul style="list-style-type: none"> • The successful candidate shall be degree qualified, or HND/HNC, in Mechanical and/or Production engineering • Knowledge of implementing the Document management and change management system, ideally 3DX/PLM. • At least 10 years of experience in product design and development • Ability to demonstrate previous experience in a similar role 	<ul style="list-style-type: none"> • Results focused, adopting a business-led approach to achieve goals and contributing to financial growth. Consistently delivers quality results in a timely and cost-efficient manner • Acts as an advocate for change and encourages others to quickly embrace new ways of working and challenges self to realise improvement opportunities • Collaboration and cooperation with others across the organisation, recognising the need to work as 'one' united team with common goals.

<p>Desirable</p> <ul style="list-style-type: none"> • A working knowledge of BSEN 61010 or similar safety standards • An understanding of relevant aspects of electrical safety (clearance and creepage distances, material groups [CTI / PLC rating] and flammability ratings), and design for EMC compliance • Tooling/jig and fixture design experience • Familiarity with FEA, injection moulding simulation, Stress Analysis and Flow Analysis tools and techniques • Familiar with graphics design using CorelDraw • Familiarity with PCB design tools (preferably Cadence Allegro) for data transfer between mechanical and PCB CAD systems • Membership of a professional engineering institute 	
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Job Level	<input type="checkbox"/> Individual contributor <input checked="" type="checkbox"/> Leader of People/Senior Level Individual contributor <input type="checkbox"/> Leader of Leaders
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Shared Values
<p>Caring Putting the customer first with a 'can do' approach and fully understanding their needs and challenges. Actively develop close, mutually beneficial, working relationships with colleagues.</p> <p>Captivating Help solve colleague and customer problems by doing something different, by thinking unconventionally.</p> <p>Consistent Bring a positive attitude to work and take pride in your job. Welcome problem solving and shared learning whilst maintaining high standards of work in the team.</p> <p>Creative Be prepared to solve and work out options within the team, think positively about new approaches or alternative ways to solve any problems. Actively seek out opportunities for improvement and feed these back into the business.</p> <p>Confident Seek knowledge, ask questions and support others.</p>

Benefits

- Excellent training and development opportunities
- Career development in a growing multinational company
- Life assurance scheme
- Employee health plan
- Contributory Salary Exchange Pension Scheme
- 25 days annual leave + UK bank holidays
- Day off for your birthday
- Flexible working
- Early finish on Fridays
- Seasonal Travel Ticket Loan Scheme
- Discounted football membership - Dover Athletic FC
- Free fruit Tuesdays + Thursdays
- Breakfast mornings – Mondays and Wednesdays
- Subsidised refreshments from the Company's canteen
- Free parking on site in the designated parking bays
- Access to YourMegger a health and benefits portal offering a number of discounts for colleagues including a Cycle to Work Scheme and Electric/hybrid car buying scheme
- Eyecare vouchers
- Free flu vaccinations