

**Introduction:** Cyclops Marine (CML) is a fast-growing technology business, the Mechanical engineering requirement is ever evolving as we launch new products and have to manage the growing demand of our existing range.

<b>Mechanical Engineer</b>	
<b>Overall Objective</b>	<p>Support the development and maintenance of a range of wireless load measurement products based upon custom electronic and firmware solutions.</p> <p>Run the custom design of the load pin range, through attention to detail of accuracy and production readiness. Material selection and mechanical property competence.</p> <p>Product manage the load pin range from product improvement, process management, costing and pricing guidance lines for the sales team and offering technical advice to key customers.</p> <p>Align and thrive within the dynamic culture and values of the business, bringing positivity to your daily role.</p>
<b>Skills/Experience Requirement</b>	
<b>Mechanical Design</b>	<p>3D CAD design with e.g. Fusion360 or Solidworks</p> <p>Design for CNC and 3D printing</p> <p>Mechanical material understanding and application</p> <p>Parts specification, tolerancing and procurement</p>
<b>Product Management</b>	<p>Own the custom design process for customer's unique load pin requirements.</p> <p>Develop product &amp; process improvements</p> <p>Offer technical support to the sales force and customers.</p> <p>Maintain relevant external technical documents for the range.</p> <p>Maintain latest product costing and pricing guidelines.</p>
<b>Material Competences</b>	<p>Materials selection</p> <p>Knowledge of plastics injection molding</p>
<b>Range Engineering Support</b>	<p>Work closely with the CTO to ensure all mechanical and material properties of the existing range of products are managed, meet at QC requirements and documentation maintained.</p> <p>Support the NPD mechanical requirements.</p>
<b>Certification</b>	<p>Product testing</p> <p>Documentation management and traceability</p>
<b>Production</b>	<p>Product testing and QA – ideally experience of 6-sigma methods and tools</p> <p>Production database management</p>
<b>Reporting to:</b>	CTO

### Candidate profile

Ideal candidate will have had hands on experience of developing a product into manufacture and will thrive on complex multi-disciplinary challenges.

Degree qualified (2.1 honours) in Mechanical Engineering or a related discipline.

A passion for engineering is essential, an interest in sailing is an advantage.

Would suit recent graduate with background of product development outside of a work environment, or graduate with 2-3 years experience in company developing similar products.

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