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Position: Composites Manufacturing Engineer

Location: iKon Manufacturing Facility, Madisonville Tennessee

About iKon

iKon Boats, LLC is rooted in Hydrasports' half century of heritage, in 2019 the Hydrasports' Board of Directors unanimously decided to expand operating activities into freshwater with a transformational bass boat portfolio. The ongoing venture centered on leveraging sophisticated yacht engineering and technology with consummate fishing anglers' intellect to develop an innovative product that will redefine history.

Position Summary:

The Composites Engineer is a key member of our manufacturing engineering team; the position is accountable for minimizing variation, increasing productivity, and increasing efficiencies. The position requires working with a continuous process improvement mindset. The manufacturing engineering team works cohesively within our production process to deliver a timely and quality product.

Job Responsibilities:

- Accountable for composite manufacturing processes to optimize product flow and reduce variation
- Responsible for process improvement via root cause analysis, solution development, documentation, training, and implementation
- Acquires and analyzes process and data to understand and measure process improvements
- Implement new technology and equipment into composite fabrication processes to achieve efficiencies or meet customer expectations
- Assist with new model prototyping and introduction to production
- Responsible for accuracy of drawings and bills of material related to assigned projects
- Create component and material layout drawings for composites build documentation
- Document as-built information to ensure accuracy
- Create, implement, and catalog Engineering Change Notices related to composite fabrication
- Develop and/or maintain HCB composites manufacturing standards
- Develop and/or maintain all standards relating to adhesive, caulks, and silicone



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Qualification Requirements:

- Bachelor's degree – Materials Science, Chemical Engineering, or Mechanical preferred
- Must have experience with various types of composite manufacturing processes, including gel coating, vacuum infusion, resin transfer molding, open molding, and tooling fabrication
- Must have experience utilizing engineering tools and methods in a manufacturing environment
- Good written and oral communication skills, and ability to work independently on assigned tasks
- Working knowledge of Microsoft Word, Excel, and 2D/3D CAD (NX preferred)
- Must have the ability to work with all levels of the organization
- Must be willing to work with composites production crew