



1800 Fruit Street Algonac, MI 48001

eckhartusa.com Phone: 810 794 4929

FIBERGLASS FIXTURE BUILDER

Department: Manufacturing
Reports To: Operations Manager
FLSA Status: Non-Exempt
Updated: 09.14.2018

Working at Eckhart is an opportunity to directly impact the future of American manufacturing. We are an Industry 4.0 leader committed to developing advanced manufacturing solutions that enhance the quality of life. Our AUTOCRAFT™ autonomous guided vehicles and FLEXCHECK™ collaborative robotic error-proofing systems lead the market in reliability and dependability. Our suite of solutions includes AGVs, collaborative & traditional robotics, 3D printing, conveyance & automation, highly engineered weld fixtures, lift-assist & ergonomic tooling, and mechanical & electrical engineering services. Our solutions improve employee safety, product quality, and productivity at the largest companies in the world.

Eckhart invests in people because we believe it is our people who differentiate our solutions and our company from our competitors. For over 40 years our company has committed dedicated creative minds to conceptualize and design custom manufacturing solutions for industry. Our customers span medical devices, food, consumer packaged goods, aerospace, automotive, industrial machinery, commercial construction, household appliances, and farm machinery & heavy trucks. We thrive solving our customers' most difficult problems and find satisfaction when customers receive safe and efficient turn-key solutions that enhance their quality of life.

Description

A Fiberglass Fixture Builder must be able to read and understand blueprints to fabricate, repair or setup fixtures with various machining equipment and hand tools. Our goal is not to meet expectations. Our goal is to exceed expectations and ensure our customers receive an exceptional product at Eckhart.

Essential Duties and Responsibilities

- Hand laying fiberglass in tight spaces, cutting fiberglass cloth according to size, following the template or plan provided, using cutting machines, scissors or knives.
- Prepping the mold and ability to get fiberglass components out of the mold.
- Apply layers of fiberglass in the mold in a predetermined layer sequence, and press the fabric to adjust the contours in the mold, soften the surface and remove the air pockets and excess resin using a broom, scraper or spatula.
- Dispense, manipulate and apply composite resins and adhesives.
- Trim, drill, grind, sand and finish the cured parts according to the specifications, using templates, accessories, tools and power tools.
- Pre-installation and assembly of cured parts in sets or subassemblies, using templates, accessories, power tools and fasteners, such as rivets and bolts.
- Assembles a variety of standard and non-standard major jigs, fixtures and related tooling.
- Ability to read and interpret 2D and 3D engineering blueprints – NX/Unigraphics.
- Ensures jigs function appropriately with complex angles or contours.
- Responsible for determining methods and sequence of operations and scheduling work to be performed from tool design drawings.

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- May be required to verify accuracy and quality in accordance with established control procedures.
- Familiarity with lathes, grinders, drill presses, and manual Bridgeport.
- Basic working knowledge and fundamentals of hydraulic, and pneumatic systems a plus.
- Must be reliable and work well with others.
- Must be willing to learn and advance individual skills.
- Follow instructions given by supervisor quickly and efficiently with minimum supervision.
- Ability to travel 15% of the time to customers for installs.
- Required to have a valid driver's license with no suspensions.
- Ability to obtain clearance to travel internationally (Canada).

Qualifications

To perform this job successfully, an individual must be professional, proactive and positive, with internal and external customers and coworkers. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable the individuals with disabilities to perform the essential functions.

Education and/or Experience

High School diploma or GED equivalent. Minimum 2 years' experience in a fiberglass manufacturing facility.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is occasionally required to perform light physical activity. The employee must occasionally lift and/or move up to 75 pounds. Specific vision abilities required by this job include close vision and depth perception.

Technical Skills

- Ability to read and understand mechanical drawings.
- Prefer experience reading and interpreting Unigraphics/NX blueprints.
- Working knowledge of personal computer, keyboard, and various software programs.
- Working knowledge of manufacturing processes.

OTHER SKILLS AND ABILITIES

- Strong interpersonal skills.
- Good verbal and written skills.
- Proven organizational skills.
- Ability to prioritize and work with limited supervision.
- Good presentation skills.
- Ability to explain how and why specific conclusions were reached.
- Ability to maintain confidentiality.
- Ability to work well under pressure and to remain flexible to changing schedules and demands.
- Must have own tools.