

Custom Composite Technologies, Inc.

Composite Technician II Job Description

Custom Composite Technologies (CCTI) is a global leader creating next-generation composite solutions. Our mission is to produce advanced composite manufacturing solutions that exceed customer expectations from concept to project completion. Our skilled team is what makes CCTI who we are. With over 50 years of collective experience within a broad range of industries including marine and defense, CCTI delivers uncompromising quality using a customer-centric approach.

Composite manufacturing is a growing industry with ample demand and opportunities for growth. As CCTI expands our operations, we are looking to add Composite Technicians to our team who will work on high profile and interesting marine, aerospace and automotive projects.

Composite Technician II

A Composite Technician II has proven experience in composite fabrication, including at least 3 years of experience working in a shop environment fabricating, assembling and performing composite layups, and familiarity with the relevant equipment and tools.

A successful Composite Technician II team member will be able to work with minimal supervision and take initiative in working in a custom job shop environment.

Core Responsibilities:

Fabrication & Mold Skills

- Cut material to size, using shears, knives, cutters, scissors, router, or saw.
- Lay out cutting lines on materials, such as plywood, fiberglass or core, following template pattern, blueprints, sketches, or sample part using measuring and marking instruments.
- Work to accurately fabricate to specification standards.
- Vacuum bag successfully to industry standards and exhaust air from vacuum bag to prepare lamination for curing or infusing.
- Operates standard equipment to remedy in-process conditions such as excess or insufficient resin, trapped air pockets or delamination.
- Set-up and operate curing ovens to meet defined objectives as needed.
- Cures product in oven hooking appropriate heat lines, adjusting boiler valves as needed.
- Verifies work using gauges, Thermolog, micrometers, etc.
- Observe and monitor parts during the curing process and generate reports for QA.
- Preparing CNC cut molds: demonstrate sanding, grinding, filling, fairing, buffing, painting
- Prepares ingredients such as resins, catalysts, fillers, accelerators, and colors, according to process. Prepares mold release according to written procedures.

Additional Skills and Responsibilities

- Demonstrate safety in all areas as identified in the company handbook and in safety training workshops. Alert Production Manager of any broken or faulty equipment.
- Must be able to read and understand and implement various mil-specs, blueprints, sketches, and sample parts.
- Use of precision measuring instruments: i.e., micrometers, calipers, 6" scales, to a tolerance of .001. Use of both American and metric tape measures to industry standards.
- Properly fills out all Process Sheets and Adheres to Company Quality Control in all areas of the shop: safety, housekeeping, shipping, receiving, material documentation, customer property, time tracking, non-conformances.
- Attend and participate in all Team Meetings, training workshops.
- Must be able to shut down properly at the end of day, if needed.
- Communicates effectively with other crew and leadership

Tool Policy: Demonstrate experience and comfort using hand and production tools to perform production operations to specification standards, safely and efficiently. All tools listed on the required tool list to be provided by the employee, except for safety gear.

All employees must wear Personal Protective Equipment according to OSHA requirements and employees will be trained at CCTI on Fork Lift Operations and Documentation.

Experience Requirements:

- Must be able to read written instructions in English.
- Must be willing to work overtime when required.
- Must be a United States Citizen or have current Green Card status.
- Must have a minimum of a GED or high school diploma.

Physical Requirements:

- Lift 50 pounds individually and over 50 pounds with the aid of another individual or lift kit
- Stand on feet 10 hours per day with two 15 minute breaks and ½ hour lunch
- Must be able to work in demanding physical situations for prolonged periods.