



REV 01.03.18

Composite Technician

EarthRoamer is looking for a self-motivated, skilled, hardworking Composite Technician. Ideal applicants will have experience or training with resin, core materials and process knowledge of infusion, vacuum bagging, hand lay-up, structural bonding and fastening of composite assemblies, including surface preparation for bonding.

As the world's premier manufacturer of four-wheel drive, environmentally responsible expedition vehicles, EarthRoamer offers countless opportunities for you to thrive, to be yourself AND be successful. Our unique Colorado company is revolutionizing the industry. At EarthRoamer, our employees are energized by the fast-paced, ever-changing and exciting world of outdoor adventure.

EarthRoamer provides competitive pay, paid time off, health benefits (available), and 401k plan.

Duties and Responsibilities

- Release air bubbles and smooth seams, using rollers
- Select precut fiberglass mats, cloth, and wood-bracing materials as required by projects being assembled
- Select production input materials
- Spray chopped fiberglass, resins, and catalysts onto prepared molds or dies using pneumatic spray guns with chopper attachments
- Place materials into molds
- Pat or press layers of saturated mat, or cloth into place on molds, using brushes or hands, and smooth out wrinkles and air bubbles with hands or squeegees
- Place materials into molds
- Mix catalysts into resins, and saturate cloth and mats with mixtures, using brushes
- Mix substances to create chemical solutions
- Apply water or solutions to fabrics or apparel
- Apply layers of plastic resin to mold surfaces prior to placement of fiberglass mats, repeating layers until products have the desired thicknesses and plastics have jelled
- Apply parting agents or other solutions to molds
- Bond wood reinforcing strips to decks and cabin structures of watercraft, using resin-saturated fiberglass

- Check completed products for conformance to specifications and for defects by measuring with rulers or micrometers, by checking them visually, or by tapping them to detect bubbles or dead spots
- Measure dimensions of completed products or workpieces to verify conformance to specifications
- Mask off mold areas not to be laminated, using cellophane, wax paper, masking tape, or special sprays containing mold-release substances
- Apply lacquers and waxes to mold surfaces to facilitate assembly and removal of laminated parts.
- Apply parting agents or other solutions to molds
- Check all dies, templates, and cutout patterns to be used in the manufacturing process to ensure that they conform to dimensional data, photographs, blueprints, samples, or customer specifications
- Inspect production equipment
- Inspect, clean, and assemble molds before beginning work
- Inspect production equipment
- Clean production equipment
- Build production molds
- Trim excess materials from molds, using hand shears or trimming knives
- Trim excess material from work pieces
- Repair or modify damaged or defective glass-fiber parts, checking thicknesses, densities, and contours to ensure a close fit after repair
- Repair parts or assemblies
- Cure materials by letting them set at room temperature, placing them under heat lamps, or baking them in ovens
- Load items into ovens or furnaces
- Trim cured materials by sawing them with diamond-impregnated cutoff wheels
- Trim excess material from work pieces
- Perform other duties as assigned

Skills

- Experience in power tool operation (drills, grinders, reciprocating saws, etc.)
- Must possess mechanical aptitude
- Ability to learn quickly
- Ability to communicate effectively
- Willingness to learn and complete tasks correctly
- Must have pride in work completed
- Work well individually and as a member of a team

Job Qualifications

- Current driver's license and clean driving record
- Drug free
- Clean criminal background
- Basic mechanic's tool set

- Must be able to become certified to wear a respirator
- Must be able to lift assemblies weighing up to 50lbs
- Purchase all required tools to complete all tasks
- Follow work orders
- Meet schedule deadlines
- Complete reports on jobs performed including detailed labor and parts used
- Maintain a safe and clean work
- Work 5 days/week, Monday-Friday 8:00 AM-4:30 PM
- Must provide job references

Education

- High School diploma or equivalent
- Technical school training desired

Are you the person we're looking for? Reply to this ad with your resume and cover letter. Let us know what makes you a good fit for EarthRoamer in particular, and what excites you about our industry.

Visit www.earthroamer.com to learn more about this "Made in Colorado" company!

EarthRoamer reserves the to conduct a criminal background check and drug test prior to employment. EarthRoamer is an EEO employer.