

## Filament Winding Technician

Requirement for a filament winding technician and/or a Composite Engineer to oversee the Filament Winding area and other composite activities - i.e. provide technical guidance, produce work instructions and overall be the **Technical Manufacturing Champion** for this part of our business. This will be a low volume production facility producing state of the art satellite propellant and pressurant tanks.

**The ideal initial candidate would be an engineer who is hands-on and wants to ultimately grow this sector of our business.** This person would then recruit and develop the team as the business grows.

The below requirements are for a winding technician. Senior composite engineers who want to work in a small, private company and help grow a Space focused business are also encouraged to apply

### RESPONSIBILITIES:

- Perform Filament Winding operations on metal lined pressure vessels.
- Perform Filament Winding work according to procedures, engineering drawings, specifications and test instructions
- Conduct Filament Winding including tool setup, adhesive application, filament winding, tank pressurization and tank cure.
- Program and troubleshoot Filament Winding machine and software systems
- Provide input to engineering with respect to needed or recommended changes on wind patterns
- Perform all work per engineering drawings and work instructions.
- Assemble and ship products on time which meets or exceed specifications
- Perform product inspection and rework as required.
- Provide requested metrics and data of winding operations
- Responsible for the daily cleaning of all winding associated tools and equipment

### BASIC QUALIFICATIONS:

- High School Diploma or GED
- Experience in setting up and operating CNC machine equipment
- Composites experience
- Experience using standard mechanical measurement tools (calipers, micrometers, gauges, etc.)

### PREFERRED SKILLS AND EXPERIENCE:

- Filament winding a plus
- Ability to follow detailed work instructions on calibration
- Knowledge of carbon composites
- Experience with Entec filament winding machines a plus
- Knowledge using filament winding assembly tools and equipment
- Ability to review detailed assembly drawings for final assembly of hardware
- Ability to use custom tooling, fixtures, and equipment
- Ability to work independently or as part of a team, meet aggressive schedules, operate and understand engineering drawings and ability to make full use of computer network systems

### ADDITIONAL REQUIREMENTS:

- Must be willing to work all required shifts, weekends, and overtime, as needed
- Must be able to lift moderate weights and operate in a safe manner.