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 wilding 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.