

Textile Processing Specialist

General Description:

The nature of the work is processing fibres and textiles for use in fibre reinforced plastics FRP. The work includes professional handling of different fibres for the weaving process, rewinding operations, creel setup, warp setup and setting up weaving machine to desired weave patterns. Handling delegation of visual and mechanical quality control of weaving process and product. Managing and execution of labeling, packing and routing of finished goods to stock. Managing of raw material and specific consumables inventory, raw material quality control and preparation for weaving. The production task includes series production and experimental prototype runs. The work scope encompasses machine setup, daily maintenance and preventative maintenance. Clean room activities and protection of fibres or fabrics from environmental contamination is a part of the duties. Advancing the health and safety protocol special to the weaving operation to industry standards is expected. Leader ship capability to train and instruct a weaving operator and coordination and support of multiple shifts is part of the task.

The ability to interact and work with other fabric and textile processing machinery like ply-cutter, fabric laying machines and press processes is a growth path of the described general description.

Prerequisite Skills and Qualifications:

- 5 years textile weaving machine experience preferred.
- High school diploma or equivalent, or one year community college.
- Operate, Setup & Program different pieces of equipment at an advanced level
- Mechanically inclined and handy with machinery, controls and setup.
- Quick learner and motivated self starter in learning about the weaving process.
- General understanding of mathematics, MS-Excel skills and computer literate.
- Ability to create machine setup sheets, inspection plan and maintain documentation.
- Understand and operate in an MRP system (M2M) for production planning and inventory control related to the weaving operation and its accessories.
- Ability to read basic blueprints
- Excellent Communication skills
- Leadership and team building skills
- Organized and tidy workmanship
- Ability to understand production schedules
- Very good knowledge of computer software in general
- Legible handwriting and good writing skills
- Knowledge of required measuring instruments and gauges
- Fork lift training

Essential Duties:

- Starts, stops and monitors weaving operation on one or more weaving machines.
- Sets-up and organizes individual work area with designated supplies, forms and resource materials while maintaining cleanliness at all times
- Feeds needle loom machines and blend fiber according to instructions

- Observes process and continuously checks fabrics or products for defects and verifies quality and efficiency requirements
- Records all production information on the production and quality reports
- Adjusts machine performance on material by observing machine operation; detecting malfunctions; adjusting settings as needed
- Investigates and troubleshoots equipment stoppages and notifies the Production Manager if there are any assembly, safety or quality issues
- Performs basic maintenance, repair and cleaning duties of the equipment to include; cleaning fiber from pulleys, belts, chains and boards, using vacuum to collect fiber from under machinery, replacing side panels and screwing bolts as an example.
- Performs warp and creel fiber changes, rewinding operation and fibre break fixes.
- Performs machine start-up and shutdown with set weaving pattern and setup.
- Monitors fibre tensions and maintains the fibre supply for weft.
- Performs the setup and qualification run of the machine for new fabric setup. (initially under trainer supervision)
- Transports and stores finished products and packaging materials throughout the plant by operating the forklift and using other powered equipment and lifting devices
- Establish methods to meet work schedules and co-ordinate work activities with the other areas
- Resolve work problems and recommend work measures to improve productivity
- Have a good knowledge of all Standard Operational Procedures for their area and be able to ensure that all standards of quality are controlled and carried out.
- Requisition materials and supplies
- Arimatec Product knowledge
- Communicate and/or assist QA Technicians with the process and final inspections.
- Comply with and demonstrate the company Health & Safety rules and regulations in accordance with the Act. Ensure standards for safe working conditions are observed in all areas covered by this designation
- Prepare production and other reports as required
- Oversee training of workers on the machines
- The position is a new vertical integration step at Arimatec and any new tasks evolving out of the weaving process are in the duty of this job description.
- Other duties as required.

Working Conditions

- Manual dexterity required to operate textile weaving machine
- Interacts with employees and management.
- Meeting objectives with medium control over individual priorities.
- High levels of considerable mental concentration.
- Standing, walking, visual observation and lifting.
- PPE includes hearing protection, safety boots and glasses when machines are operating.
- Multiple shifts and overtime may be required.