

# Machine Operator Bonder Laminator Fitting: Machine Operator/Bonder Laminator Fitting II; Machine Operator/Laminator Fitting II; Machine Operator/Winder Pipe II

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**MACHINE OPERATOR:** Operates light-duty bench or floor-type machine tools and equipment, such as small lathes, power mills, extruding machines, drills or punch presses, power brakes, shears or saws. May set up machining machines, make adjustments and perform maintenance on machines. Checks work using prescribed gauges, jigs and fixtures to measure close tolerances. Some machines may be numerically controlled. May monitor and verify quality in accordance with statistical process or other control procedures. **COMPOSITE TECH:** Bonds a variety of dissimilar materials (composite, metal, or laminate) assemblies, parts, skins, components, equipment or structures into semi-finished or finished products. Lays out articles, cuts parts or materials to size. Applies liquid or solid bonding agents. Operates autoclave, hydraulic presses and ovens to complete bonding cycle. Controls conditions of heat, pressure, and timing by setting and operating various controls according to the specifications for the materials and the bonding agent being used. Sands, burrs and smoothes over areas, apply sealing resins to cut or exposed edges. Monitors and verifies quality of finished product. Completes repairs on composite, metal or laminate bonded products using inspection and rework instructions. Verifies quality of finished product.

## **Knowledge**

Full knowledge of the job. Substantial acquaintance with, and understanding of, general aspects of the job with a broad understanding of the detailed aspects of the job.

## **Supervision Received**

General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments.

## **Consequence of Errors**

Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction.

## **Contacts**

Contacts are typically with individuals within own department and occasionally with contacts outside own organization. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.

## **Work Products (Examples may include but are not limited to)**

Drill presses, pipe winding machine, elbow winding machine, lathes, lateral saws, resin guns and other floor and bench type tools.

## **Minimum Education and Experience**

High school diploma and 2 years of related experience.