

Machine Operator Bonder Laminator Fitting: Machine Operator/Laminator Fitting I

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

Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job.

Supervision Received

Close supervision involving detailed instructions and constant checking on work performance.

Consequence of Errors

Errors can be easily and quickly detected within the immediate work unit and would result only in minor disruption or expense to correct.

Contacts

Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little 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 0 years of experience.