

Machine Operator Bonder Laminator Fitting: Machine Operator/Bonder Laminator Fitting III

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 smooths 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

Considerable knowledge of the job. Complete acquaintance with, and understanding of, the general and detailed aspects of the job and their practical applications to problems and situations ordinarily encountered.

Supervision Received

Limited supervision. No instructions needed on routine work and general instructions given on new lines of work or special assignments.

Consequence of Errors

Errors may be difficult to detect and would normally result in loss of customer business, material or equipment to resolve.

Contacts

Contacts are frequent with individuals representing other departments and/or representing outside organizations. Contacts involve obtaining or providing information or data on matters of moderate importance to the function of the department or which may be of sensitive nature.

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 5 years of related experience.