

Machine Operator Bonder Laminator Fitting

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.

| Level 1 | | Level 2 | Level 3 | Level 4 |
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| Machine Operator/Laminator Fitting I | | Machine Operator/Bonder Laminator Fitting II; Machine Operator/Laminator Fitting II; Machine Operator/Winder Pipe II | Machine Operator/Bonder Laminator Fitting III | Sr. Machine Operator/Bonder Laminator Fitting |
| Knowledge | Little or no knowledge of the job. Moderate understanding of general job aspects and some understanding of the detailed aspects of the job. | 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. | 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. | Extensive knowledge in specialized functions. A wide and comprehensive acquaintance with, and understanding of, both general and specific aspects of the job and their practical application to complex problems and situations ordinarily encountered. |
| Supervision Received | Close supervision involving detailed instructions and constant checking on work performance. | General supervision and instructions given for routine work and detailed instructions given for new activities or special assignments. | Limited supervision. No instructions needed on routine work and general instructions given on new lines of work or special assignments. | Minimal supervision. Work may be done without established procedures. |
| 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. | Errors may be detected and corrected but may cause moderate loss of time or customer/user dissatisfaction. | Errors may be difficult to detect and would normally result in loss of customer business, material or equipment to resolve. | Errors are very difficult to detect and would normally require significant expenditures to resolve. |
| Contacts | Contacts are primarily within immediate work unit. Contacts involve obtaining or providing information requiring little explanation or interpretation. | 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. | 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. | Contacts are frequent with individuals representing outside organizations and/or individuals of significant importance within the company. Contacts involve planning and preparation of the communications, require skill, tact, persuasion and/or negotiation to accomplish the objectives of the communication. |
| 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. | Drill presses, pipe winding machine, elbow winding machine, lathes, lateral saws, resin guns and other floor and bench type tools. | Drill presses, pipe winding machine, elbow winding machine, lathes, lateral saws, resin guns and other floor and bench type tools. | 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. | High school diploma and 2 years of related experience. | High school diploma and 5 years of related experience. | High school diploma and 7 years of related experience. |