

# Production Mechanic

Fabricates, assembles, installs and repairs production sheet metal products and equipment such as control boxes, drain pipes, ventilators and furnace casings in accordance with blueprints, drawings and specifications. Makes sheet metal layouts; sets up and operates fabricating machinery; shapes metal over anvils, blocks, or forms; operates welding and soldering equipment; and inspects assemblies and installations for conformance to specifications. May monitor and verify quality in accordance with statistical process or other control procedures.

	Level 1	Level 2	Level 3	Level 4
	Production Mechanic I	Production Mechanic II	Production Mechanic III	Sr. Production Mechanic
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.
Consequences 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 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 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)	Cutting, trimming and sawing of sheet metal. Tube bending. Use of shear and bandsaw.	Cutting, forming and bending of sheet metal. Tubing benders, hydraulic systems, shears, brakes, presses and riveting. Mechanical assembly, troubleshooting and maintenance.	Cutting, forming and bending of sheet metal. Tubing benders, hydraulic systems, shears, brakes, presses and riveting. Sheet metal structural assembly and installation. Mechanical assembly, troubleshooting and maintenance.	Cutting, forming and bending of sheet metal. Tubing benders, hydraulic systems, shears, brakes, presses and riveting. Sheet metal structural assembly and installation. Mechanical assembly, troubleshooting and maintenance.
Minimum Education and Experience	High school or equivalent. 0-2 years of experience.	3-5 years of experience. Technical training.	5-10 years of experience. Technical Trade School Certification.	10+ years of experience, including technical training and certification equivalent to Associates Degree.