

# Production Mechanic: Production Mechanic III

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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.

## **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.

## **Consequences 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 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)**

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**

5-10 years of experience. Technical Trade School Certification.