

SHEET METAL WORKER*

Function of Job:

Under direct supervision of designated supervisor, to design, lay out, form, fabricate, install and repair sheet metal items or other structures or devices.

Characteristic Duties and Responsibilities:

1. Examine blueprints, diagrams, sketches and other specifications and plan work procedures.
2. Select gauge and type of material appropriate for the structure involved.
3. Design and lay out the structure to be fabricated.
4. Cut, punch, shear, press and form material from various types of sheet metal, including copper, tin, terneplate and metal alloy stock, using tin snips, hammer and hand or power driven shearing rolling, bending, breaking, drilling, forming machines and spot welders.
5. Assemble, install and repair structures, including ducts, heating units, non-refrigerated air conditioning and ventilating units, associated control devices, drain pipes, and air conditioners, using soldering and riveting equipment, portable power drills, power grinders and buffers, files, and hoists, scaffolds, and lifts as required.
6. Perform prime coat painting as required.
7. Maintain and clean equipment and working area.
8. Assist and coordinate work with other mechanical trades.
9. Prepare records and service reports of materials and time expended.
10. Perform other related duties as assigned.

Minimum Acceptable Qualifications:

1. Vocational school graduation or equivalent apprenticeship.
2. Four years related experience at the journey level.
3. Knowledge of the characteristics and working properties of metal stock up to ten gauge thickness.
4. Ability to read and interpret blueprints and other specifications.
5. Knowledge of general principles and theory of pressure, vacuum, vaporization, heat conduction, radiation and connection as applied to air and water systems.
6. Knowledge of safety precautions applicable to all work performed.
7. Ability to use and maintain hand and power tools and other equipment used in sheet metal work.
8. Sufficient strength and physical dexterity to perform duties and responsibilities of this job, including heavy work.
9. Valid motor vehicle operator's license if required.
10. Must be able to wear/use all personal protective equipment required to perform job safely.

11/3/97
System Approval

11/3/97
Effective Date

This document is a generic classification specification of the University System of New Hampshire. Its purpose is to describe the representative responsibilities and general level of complexity, and it is not a substitute for the specific job description of the individual position.

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