



# **Sheet Metal** **Worker**



[www.sheetmetaltraining.org](http://www.sheetmetaltraining.org)

## **What They Do**

Sheet Metal Workers work with ferrous (steel), non-ferrous (aluminum, copper) and alternative materials (plastics, fiberglass, phenolic board).

They fabricate, install, maintain and service components in Heating, Ventilating and Air Conditioning (HVAC) systems. This includes air handling equipment, ductwork, duct system components and the drawings for shop fabrication & field installation. They also perform the Testing, Adjusting and Balancing (TAB) of the complete HVAC system.

Sheet Metal Workers fabricate, install, maintain and service components used in Industrial applications. This includes dust & fume collection systems, machine guards and spray booths & ovens. Sheet Metal Workers also fabricate, install and maintain components used in Architectural applications. This includes metal roofing, siding, decking, coping, flashing and decorative materials. So you can see that Sheet Metal is a multi-faceted trade.

## **Working Conditions**

Work is done both indoors and outdoors in varying environmental conditions. In the shop, sheet metal components are laid out on flat sheets, formed and assembled (fabricated). In the field, sheet metal components are installed per the job plans and specifications. The trade requires the physical ability for lifting, carrying and installing the components. Since field installation is done off ladders, scaffolds and powered man lifts, sheet metal workers must be comfortable working at various heights. Many job functions require the use of hand or power tools. Sheet Metal Workers should enjoy working with their hands, think for themselves and have the ability to be productive without constant supervision.

## **Qualifications**

- Must be at least 17 years of age (photo ID required)
- Must have the physical ability to perform the work of the trade

## **Application Requirements**

- Must have a high school diploma or GED
- Standardized Written Examination
- Oral Interview
- Application fee of \$10

## **Apprenticeship**

- 5 year program
- Minimum of 8,000 hours on-the-job training (OJT)
- Minimum of 144 hours of related technical instruction (RTI) per year
- Probationary Period of 1 year (2,000 hours OJT and 1 year RTI)
- Indentured to the Cleveland Joint Apprenticeship and Training Committee and assigned to a signatory sheet metal contractor
- College credit received for RTI

## **Job Opportunities**

After completing their apprenticeship, journeypersons may continue their training and specialize in welding, service, TAB, CAD (detailing) or other sheet metal specialty. Sheet Metal Workers may advance to supervisory positions (foreman, superintendent, project manager). They may also become an HVAC Inspector or open their own business as a Sheet Metal or Mechanical Contractor.

**For Application and Information Contact:** [www.smwlu33.org](http://www.smwlu33.org)

Sheet Metal Workers Joint Apprenticeship and Training Committee

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Sheet Metal Workers #33, Cleveland JATC (Facebook)

