

ISSUED: 6/92

TITLE: <u>Sheetmetal Worker</u>	SALARY	& 3/88
	SCHEDULE:	CLASS
UNION: <u>Detroit Building Trades & Construction</u>	SALARY	CODE: <u>SK608</u>
<u>Trades Council</u>	GRADE:	EEO
	FLSA: <u>Non-Exempt</u>	CODE: <u>60</u>
		E-
		CLASS: <u>SK</u>

POSITION PURPOSE

Fabricate and install sheetmetal products for use throughout campus and in University facilities using a variety of techniques and equipment common to this trade.

ESSENTIAL JOB FUNCTIONS

- Layout and fabricate sheetmetal work used in constructing, altering or repairing University buildings and equipment. Determine configuration of product based on requestor's specification, model or assessment of need and use; remove sheetmetal from storage bins; utilize shears to cut 8 ft x 3 ft pieces of sheetmetal to size; form metal to desired shape using brakes; fabricate ducts, bins, chutes, guards, ventilating equipment to meet construction, modification and repair needs of the University.
- Perform on-site inspection and needs assessment for sheetmetal work. Access ventilation equipment which may be above ceilings, on rooftops, behind walls, in crawl spaces, outside buildings, etc.; erect and use ladders, scaffolds and other equipment to reach work areas at any height and in any location on campus; work with tools and equipment on ventilation systems which may require work at any angle.
- Install sheetmetal work in facilities throughout campus. Utilize shearing, forming, punching drilling, soldering, riveting, welding and bolting to fabricate and position sheetmetal work; modify existing duct work and ventilation paths to meet user needs; put up and repair flashes, gutters, bathroom stall partitions, place and secure gratings; maintain sheetmetal walls and fixtures; reroute air and/or water paths to accommodate necessity.
- Work from blueprints, sketches and/or instruction. Determine where duct work is located; recommend changes to air and/or water flow; design and fabricate replacement pieces and modifying items to specification; install metal hardware; maintain metal structures; repair ventilation equipment, down spouts, flashes, etc.; work in chimneys and holes, above ceilings, near fans, etc. which may contain toxic fumes or hazardous agents using appropriate safety equipment and procedures.
- Maintain safe working conditions at all times by using supplies and equipment properly and taking necessary precautions. Work outdoors and in inclement weather conditions; perform duties in areas which may contain toxic fumes or agents; complete tasks requiring work in different positions and at different angles; transport tools and equipment to worksites throughout campus including stairwells, ceilings, basements, rooftops, crawl spaces, etc.

THIS DESCRIPTION IS INTENDED TO INDICATE THE KINDS OF TASKS AND LEVELS OF WORK DIFFICULTY THAT WILL BE REQUIRED OF POSITIONS THAT WILL BE GIVEN THIS TITLE AND SHALL NOT BE CONSTRUED AS DECLARING WHAT THE SPECIFIC DUTIES AND RESPONSIBILITIES OF ANY PARTICULAR POSITION SHALL BE. IT IS NOT INTENDED TO LIMIT OR IN ANY WAY MODIFY THE RIGHT OF ANY SUPERVISOR TO ASSIGN, DIRECT AND CONTROL THE WORK OF EMPLOYEES UNDER THEIR SUPERVISION. THE USE OF A PARTICULAR EXPRESSION OR ILLUSTRATION DESCRIBING DUTIES SHALL NOT BE HELD TO EXCLUDE OTHER DUTIES NOT MENTIONED THAT ARE OF SIMILAR KIND OR LEVEL OF DIFFICULTY.

- Perform other duties as assigned.

MINIMUM QUALIFICATIONS

- Possession of an authorized journeyman's license as a sheetmetal worker.
- Ability to transport, use and maintain heavy tools and equipment and the full range of sheetmetal working supplies and equipment, including 8 ft x 3 ft pieces of sheetmetal, punches, shears, soldering irons, brakes, drills, rivet guns, ladders, scaffolds, etc.
- Ability to access sheetmetal which may be at any height and angle from below ground level to several stories high.
- Possession and maintenance of a valid Michigan vehicle operator's license and satisfactory driving record as determined by University policy.
- Ability to work in varying environmental and possibly hazardous working conditions utilizing appropriate safety precautions.
- Some experience fabricating, installing and repairing sheetmetal products.
- Must obtain security clearance.