

Appendix A

WORK PROCESS SCHEDULE

Machine Operator I

O*NET/SOC CODE: 51-4081.01 RAPIDS CODE: 0511

DESCRIPTION: Sets up and operates metal fabricating machines, such as brakes, rolls, shears, saws, and presses, to cut, bend, straighten, and form metal plates, sheets, and structural shapes according to blueprints and specifications: Reads and interprets blueprints, engineering specifications, and shop orders to determine machine setup, production methods, and sequence of operation. Selects, positions, and secures dies, blades, cutters, and fixtures onto machine, using rule, square, shims, templates, handtools, and built-in gauges. Positions and clamps stops, guides, and turntables. Adjusts controls to set and regulate machining factors, such as pressure and depth of ram stroke, adjustment rolls, blade angle, and machine speed. Locates and marks bending or cutting lines and reference points on workpiece, using instruments, such as rule and compass, or by tracing from templates. Positions workpiece against stops and guides or aligns layout marks with dies or cutting blades manually or using hoist. Starts machine and observes machine operation to reposition workpiece, change dies, or adjust machine settings for multiple or successive passes. Inspects or measures work, using rule, gauges, and templates. May operate machines to fabricate nonmetallic materials, such as composites or plastics. May set up and operate sheet-metal fabricating machines.

ON-THE-JOB TRAINING:

	<u>APPROXIMATE HOURS</u>
KNOWLEDGE OF MACHINE OPERATION	500
MACHINE SET-UP	500
CARE AND USE OF TOOLS	500
OPERATION INSPECTION	500
TOTAL HOURS	2000

RELATED INSTRUCTION:

Machine Operator I

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Related instruction - This instruction may include, but not be limited to:

Note: Due to regional and local code differences and climate conditions, duration of instructional competencies/modules are suggested estimates.

Mathematics
Blueprint Reading

Total Hours 144