

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

MACHINIST

POSITION CODE: 24750
Effective: 11-16-70

DISTINGUISHING FEATURES OF WORK:

Under direct supervision, operates metal-working machines and tools in a well equipped shop; works to close limits of tolerance in the fabrication, maintenance, repair and alteration of a wide variety of metal objects; may erect, dismantle, adjust and repair machinery in the field.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Fabricates and shapes metal objects, using engine lathes, shapers, planers, cold saws, milling machines, sensitive drill presses, arbor presses and similar equipment.
2. Gauges work carefully, using precision tools.
3. Welds metal by oxyacetylene, arc, forge or other methods.
4. Makes machine adjustments in shop or field.
5. Overhauls and repairs machines and machinery such as motors, pumps, engines, compressors, conveyers, farm machinery, stokers, laundry machines and baking equipment.
6. Directs and instructs helpers.
7. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

DESIRABLE REQUIREMENTS:

Education and Experience

Requires no formal education.

Requires experience necessary to qualify as a journeyman machinist.

Knowledges, Skills and Abilities

Requires working knowledge of the tools, materials, methods and standard practices of the trade.

Requires elementary knowledge of the operation of a variety of power-driven appliances.

Requires ability to instruct and direct unskilled workers.

Requires skill in the use of tools of the trade.

Requires ability to perform all tasks usually associated with journeyman machinists.

Requires ability to perform precision work and work from plans or models.

Requires ability to make simple arithmetical calculations.