

Washington State Department of Personnel
Class Specification

MACHINIST

616E

Abolished: Adopted 08/13/2009, Effective 08/14/2009

Definition:

Operate machine tools to close tolerances in fabricating and repairing parts and components.

Distinguishing Characteristics:

Positions allocated to this class are distinguished by the requirement for performing journey-level work by operation of machine tools such as engine lathes, knee mills, shapers, grinders, radial drills, etc., working from blueprints, sketches, specifications, and verbal instructions.

Typical Work:

Repair or rebuild existing machines, equipment, and apparatus by utilizing machine tools and hand tools;

Perform benchwork to fit and assemble precision parts to apparatus and equipment; use hand and machine tapping equipment, files, scrapers, etc.;

Perform welding, brazing, soldering, heat treating, and tempering of metals;

Make jigs, fixtures, and devices; grind and sharpen milling cutters, special shop tools; repair and maintain shop tools and equipment;

Develop new equipment and parts to revise, improve and correct equipment and apparatus;

Lay out and plan work sequence; make calculations and determine procedures for fabrication and forming processes;

May perform work in other trades;

Lead and instruct helpers as required;

Perform related duties as required.

Legal Requirement(s):

There may be instances where individual positions must have additional licenses or certification. It is the employer's responsibility to ensure the appropriate licenses/certifications are obtained for each position.

Desirable Qualifications:

Completion of a recognized apprenticeship as a machinist OR full journey status as a machinist in a union; OR four years applicable work experience. Vocational training may be substituted for work experience on a year-for-year basis. Possession of a valid motor vehicle operator's license may be required.

Class Specification History:

New Class: 1-3-73

New class code, formerly 5382, effective July 1, 2007.