

MACHINIST

GENERAL

This is skilled work at the journeyman level where the incumbent fabricates or repairs metal parts for trucks, tractors, highway machinery and other equipment. He operates machine tools including the lathe, drill press and milling machine and does precision handwork such as laying out and assembling metal parts. Assignments are received in the form of blueprints, sketches, written directions or verbal instructions. The incumbent works under the supervision of the garage foreman or a senior tradesman.

Supervision received consists principally in the designation of the job to be performed and the examination upon completion for compliance with job requirements.

TYPICAL DUTIES

Checks and repairs or replaces worn parts.

Rebuilds engines.

Performs duties commensurate with operating lathes, milling machines, broachers, drill presses, cylinder honers, valve facers, etc. This machining consists of rebuilding existing parts, working from blueprints and/or sketches as well as verbal direction.

May occasionally be involved in the manufacture of an experimental or special purpose machine.

Performs other duties as assigned.

QUALIFICATIONS

Knowledge, Abilities and Skills

A good knowledge of machining practices and techniques.

An elementary knowledge of the operation of a variety of power driven machines.

Knowledge of oxyacetylene and arc welding.

Knowledge of occupational hazards and the necessary safety precautions.

Familiarity with the properties of metal to enable the selection of appropriate materials for specific purposes.

Ability to plan and lay out work from drawings, blueprints or other written specifications.

Ability to perform precision work.

Education, Training and Experience

A Journeyman machinist, preferably with automotive experience.

Physical Standards

Physically capable of performing the duties assigned.