

Washington State Department of Personnel
Class Specification

DIESEL/ELECTRIC SET SPECIALIST

602S

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

Definition:

Performs skilled work installing, maintaining and repairing diesel and gasoline-electric generator sets throughout the State.

Typical Work:

Installs diesel and gasoline-electric generator sets where communications facilities require emergency auxiliary power;

Prepare estimates of the materials and man-hours required for initial installation and supervises the initial installation;

Responsible for all preventative and major maintenance and operations of diesel and gasoline-electric generator sets throughout the State; included in these duties are:

1. Makes inspections on engines, generators, electrical wiring and all related mechanical and electrical equipment;
2. Replaces such items as air cleaners, fuel and oil filters, fan belts, governor magnetos, fuel injection systems, pumps, generator brushes, batteries, instrument panels and controller assemblies;
3. Makes adjustments to the carburetor; maintains oil level, cooling system and fuel level for efficient operation;

Analyzes operational defects; locates and isolates malfunctions and replaces defective parts;

Operates shop equipment such as valve grinders, hoists, trills, trill presses and automotive testing and diagnostic equipment; dresses and polishes commutators; sets and replaces brushes;

Interprets panel board instruments, such as ammeter, kilowatt meter, frequency meter and voltmeter;



Determines fuel storage requirements at each facility; orders fuel from suppliers;

Keeps work records, prepares reports, maintains inventory and orders parts; prepares specifications for additional auxiliary power supply installations;

Performs other work 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:

Six years experience in installation, maintenance and major repair of diesel electric generator sets.

AND

A valid unrestricted Washington State motor vehicle operator's license (exclusive of glasses) and a driving record free from serious or frequent traffic violations.

Note: A background check may be conducted on all qualified applicants.

Class Specification History

New class adopted effective September 15, 1969.

Revise class. Revises minimum qualifications; adopted September 13, 1971.

Revise class. Revises class code (formerly 72180), general revision; adopted May 10, 2007, effective July 1, 2007.