

Specification for Class of

STATIONARY ENGINEER 2

Abolished Effective July 1, 2007

Definition: Responsible for overall operation and maintenance of high pressure heating plant consisting of one or more boilers up to 150 h.p. each or tends high pressure power boiler system consisting of two or more boilers over 150 h.p. each.

Typical Work

Plans, assigns, and supervises work and, as necessary, works with skilled and semi-skilled workers or patient or resident helpers engaged in operation, maintenance, and repair of stationary engines, boilers, compressors, pumps, condensers, steam lines, water lines, controls and meters;

Directs analysis of boiler feed water samples and determines water treatment;

Confers with supervisor regarding maintenance and operational problems and recommends corrective action;

Stands watch alone or with stationary boiler operator or resident or patient helpers in complex boiler system;

Keeps or directs keeping of charts and records; prepares reports on heating plant operations;

Instructs operating personnel in proper operating and maintenance methods and procedures;

Performs other work as required.

Knowledge and Abilities

Knowledge of: boiler law; methods, fuels, materials, and tools used in operation and maintenance of high pressure boilers and auxiliary equipment; boiler room safety; heating, lighting, ventilating, power, and other related mechanical equipment; standard types of automatic controls.

Ability to: test and analyze operation of steam boilers and auxiliary equipment; instruct and supervise others; keep records;

make written reports; perform heavy manual labor; work under and withstand elevated ambient temperature.

Minimum Qualifications

Three years of experience in the operation, maintenance and/or repair of stationary or marine high pressure boilers and heating systems.

OR

Certificate of completion of an advanced Stationary Engineer course from an accredited vocational/technical school or community college and two years of experience in the operation, maintenance and/or repair of stationary or marine high pressure boilers and heating systems.

OR

One year of State service as a Stationary Engineer 1.

Note: Designations of boilers shall be as defined in Washington Boilers and Unfired Pressure Vessels Law.

In some positions in this class, a municipal steam engineer's license may be required.

Revised May 1, 1968

Revises minimum qualifications

Revised September 24, 1974

General revision

Revised January 15, 1988

Revises minimum qualifications, general revision