

DEFINITION

Work of this class involves the operation, maintenance and repair of a high pressure steam boiler (100-150 psi, less than 25 bhp) used in thawing ice plugged catch basins and culverts. Incumbents are responsible for monitoring pressures within specific limits and ensuring safe operation. Responsibilities include the maintenance, repair and replacement of parts for the boiler and related controls. The supervisor makes arrangements for repairs requiring journeyman level qualifications. Boiler maintenance work is checked by inspection. Work assignments are given under close direction.

TYPICAL DUTIES*

Operates and supervises, on a continual basis, a high pressure steam boiler (100-150 psi, less than 25 bhp); monitors steam pressure and operates manual release and blow off valves.

Performs routine cleaning and maintenance of boiler components; tubes, fire box, etc.

Performs repair and parts replacements as required to pass boiler inspection and ensure safe operation.

Fires the boiler up with coal prior to crew arrival at work and cleans the fire box daily.

Performs other related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of and ability to operate high pressure steam boilers within the specified pressure and horsepower rating safely.

Ability to perform service, maintenance and repair on boilers rated within the specified pressure and horsepower.

Ability to perform manual tasks related to the position.

Ability to execute and understand oral instructions.

TRAINING AND EXPERIENCE REQUIREMENTS**Job Level**

Completion of the tenth school grade; some experience in the operation of high pressure steam boilers; possession of a Firefighter's Certificate; or an equivalent combination of training and experience.

** This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0253			
Last Updated:	05/2025			
Previous Updates:				
Originated:	1978/05			