

POWER ENGINEER 2ND CLASS**NATURE OF WORK**

This is highly skilled and responsible work in supervising the operation, maintenance, and repair of equipment and machinery at the Central Utilities Plant and related areas

Employees in this class supervise the operation, maintenance and repair of all machinery and equipment for which they are responsible, and direct the work of assigned engineers and other personnel on watch. Work involves responsibility for the safe and efficient operation and maintenance of a high pressure heating plant and its related equipment. Employees of this class have opportunity for the exercise of independent judgement and decision within well established regulations and policies. Work is reviewed through inspection and consultation with the Manager of Central Utilities.

ILLUSTRATIVE EXAMPLES OF WORK

Supervises and directs the work of assigned Engineers and other personnel on watch with him; confers with Manager of Central Utilities on the operation of all equipment; inspects equipment and maintenance work to ensure performance is according to established standards; reports any absences to the Manager of Central Utilities.

Operates a high pressure steam plant; inspects boilers, heat exchanges, chillers, generators, compressors, pumps and other related mechanical and electrical equipment to ensure that necessary maintenance and repairs are made to equipment and that adequate supplies of water, gas, oil, etc. are maintained at all times; ensures that all filters are cleaned.

Maintains log books, records of fuel consumption, temperatures, pressures, etc.

Inspects and maintains all emergency power equipment.

Responsible for cleaning of boilers and related equipment and maintaining the whole plant in a clean and orderly condition.

Performs other related duties as may be directed by the Manager of Central Utilities.

REQUIREMENTS OF WORK

Considerable experience in stationary engineering; graduation from high school or any equivalent combination of experience and training which provides the following knowledge, abilities and skills:

Considerable knowledge of the operation and maintenance of high pressure steam boilers, heating systems, and auxiliary equipment.

Considerable knowledge of the occupational hazards and safety precautions involved in the operation of high pressure steam plants and their related equipment.

Ability to direct the work of other Engineers and assigned personnel.

Ability to understand and implement oral and written instructions.

Ability to detect malfunctioning of equipment and to affect the necessary repairs or to take appropriate action.

Possession of at least a valid Second Class Stationary Engineer's Certificate as issued by the Province of Newfoundland and Labrador or its reciprocal equivalent.

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1992.12.21

Revised: 2004.01.05