

CHIEF ENGINEER STATIONARY GRADE I

Code No. 3-14-071
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a highly responsible supervisory position in the operation and maintenance of a large facility. The employee oversees the operation, maintenance, and repair of the steam generating, steam distribution, electrical, mechanical, heating, and cooling and ventilating utilities, equipment, and systems. The employee reports directly to, and works under the general supervision of, the Supervising Heating, Ventilating, Air Conditioning (HVAC) Service Engineer or other higher-level title. Direct supervision is exercised over Assistant Engineers Stationary Grade I, II, III and Trainees. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed)

Oversees the operation, maintenance, and repair of heating, hot water, air conditioning, ventilation, refrigeration, electrical, generating, and auxiliary power systems;

Reads and regulates dials, meters, gauges, and control panels for entry of steam and for regulating systems operation;

Schedules or performs repairs on equipment involving electrical, mechanical, or plumbing work;

Directs the operation of areas and equipment by interpreting of blueprints and specifications;

Supervises and assigns duties to Assistant Engineers Stationary Grade I, II, III and Trainees;

Trains and instructs employees on procedures and assigns work;

Maintains records of systems operation and of all dial, meter, gauge, and control panel readings, and maintains a tracking sheet of shift operations;

Inspects and tests equipment for compliance with safety regulations;

Supervises preventative maintenance programs and work performed for facilities and equipment;

Chemically tests and treats boiler water, chilled water, cooling tower water, and closed loop water systems;

Repairs auxiliary equipment including boilers, fans, pumps, generators, motors, pressure temperature controls, steam and water lines, plumbing, electrical equipment, and allied equipment;

Receives complaints and adjusts equipment accordingly;

Makes recommendations for building equipment improvement by outside contractors;

Requisitions supplies;

Inspects facilities to determine the status of utility systems and efficiency of operations;

Attends department meetings to offer information on energy requirements.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS:
Thorough knowledge of high-pressure steam plant principles and operations; thorough knowledge of the operation and maintenance of steam, air conditioning, refrigeration and auxiliary power equipment; thorough

knowledge of the maintenance and repair of pumps, generators, compressors, and water, steam, and plumbing lines; thorough knowledge of electrical systems; good knowledge of the regulation of valves and meters in order to maintain system efficiency; good knowledge of refrigeration and air conditioning systems; working knowledge of hydraulics; ability to maintain records; ability to chemically tests water; ability to recognize and correct systems malfunctions and deficiencies; ability to supervise and assign work to Assistant Stationary Engineers; ability to requisition materials; reliability; dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma, plus EITHER:

- (A) Graduation with a Bachelor's degree in Mechanical Engineering, Power Plant Technology, or closely related field, plus two (2) years paid full-time or its part-time equivalent experience in the operation of a high-pressure steam plant with auxiliary equipment; OR,
- (B) Graduation with an Associate's degree in one of the fields mentioned in (A) above, plus four (4) years paid full-time or its part-time equivalent experience as described in (A) above; OR,
- (C) Six (6) years paid full-time or its part-time equivalent experience as described in (A) above; OR,
- (D) An equivalent combination of education and experience as defined by the limits of (A), (B), and (C) above.

NOTE: Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

SPECIAL REQUIREMENTS: Possession of a Chief Stationary Engineer's license issued by the Board of Stationary Engineers.

If you are appointed, you will be required to possess a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the position.

Monroe County Civil Service Commission

REVISED: December 16, 1983

REVISED: July 10, 2025