

CLASSIFICATION SPECIFICATION

FLSA:	NEXP	Job Code:	ACV64842
Job Class Code:	810	Salary Schedule:	ASRRSTAEN
EEO Category:	08	Grade:	17
Workers Comp Code:	8601		

Job Code Established:	09/28/92	Effective Date:	
Job Code Revised:		Effective Date:	

JOB CODE SERIES: Physical Plant Operation Series

JOB CODE TITLE: STATIONARY ENGINEER

HRIS TITLE: STATIONARY ENGR

CHARACTERISTICS OF THE CLASS: Under direction, performs assigned duties independently, within established parameters. Has the authority to initiate changes in temperature and/or duration of system cycle according to seasonal requirements. To perform approved preventive maintenance and repair projects. Operates, monitors, maintains and repairs a variety of stationary engines, mechanical and related equipment such as chillers, cooling towers, boilers, air handlers, etc., for heating and cooling of state owned or leased buildings. Equipment is maintained manually and/or via computerized energy management systems, increasing or decreasing temperature or duration of the established system run cycle as necessary. Work product consists of properly monitored and maintained heating, refrigeration and related equipment; efficient and cost-effective energy management. Responsible for timely and effective monitoring, inspection and maintenance of equipment to maximize proper operational status and cost effectiveness; prompt notification to supervisory staff of any operating irregularities or equipment failures.

EXAMPLES OF DUTIES: Operates, monitors and maintains a variety of stationary engines, mechanical and related equipment such as chillers, cooling towers, boilers, air handlers, water softeners, etc. reads meters, gauges or automatic recording devices at specified intervals to verify operating conditions. Records data such as temperature of equipment, hours of operation, fuel consumed, temperature, pressure and water level for record keeping purposes. Inspects equipment at periodic intervals to detect malfunctions or need for repair, adjustment or lubrication. Adjusts manual controls or overrides automatic controls to bring equipment into recommended or prescribed ranges. May perform scheduled preventive maintenance. Replace air filters as needed. Test water samples, check and add chemicals as needed. May instruct and monitor new employees in the work unit as assigned. Performs related work as required.
Note: Duties may vary due to specific agency requirements. Some positions perform less maintenance or are not exposed to certain types of equipment. This should in no way negate the allocation of a position to this class.

WORK CONDITIONS: Exposure to unusual noise and temperature extremes; hazards associated with high pressure systems and electrical circuitry.

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of: Methods and practices of power plant and heating plant operation; principles, practices, operation and maintenance of a wide variety of automated or manually controlled commercial heating/cooling systems and related equipment; principles, practices, operation and maintenance of a wide variety of associated pumps and control valves (pneumatic and electronic); pertinent aspects of electrical and plumbing; chemical testing procedures.

Skill/Ability to: the operation, monitoring and maintenance of a variety of commercial heating and cooling systems and related equipment; reading and interpreting blueprints and schematics and in using common and specialized tools, equipment and materials related to the work.; the operation of energy management computers that control the environment in a large commercial complex.

Experience and Education: Typical ways to obtain the KSAs would be:

- Four years of experience performing duties which included the operation, maintenance and repair of heating, refrigeration and related power equipment of large commercial, industrial or institutional buildings.
- Requires universal C.F.C. certification.
- Any combination of training and experience that meet the knowledge, skills, and abilities (KSAs) may be substituted.

SPECIAL SELECTION FACTORS: Some positions may require possession of a valid Arizona driver's license at a level appropriate to the position/assignment and retention of said license during the period of employment.