STATE OF NEVADA
Department of Administration
Division of Human Resource Management

CLASS SPECIFICATION

TITLE	GRADE	EEO-4	CODE
SAFETY SPECIALIST, BOILER	**35**	**B**	**11.537**

SERIES CONCEPT

Safety Specialists promote recognized safety practices among businesses covered by State and federal safety and health laws and regulations. Incumbents identify or train others to identify safety and health hazards and violations, and recommend reasonable and feasible means of abatement; research specific technology and industry applications using technical references and applicable codes and standards; prepare written reports and/or training materials; make public presentations to promote knowledge of safety issues among the public and industry groups; maintain current knowledge of new technologies, standards, codes, rules and regulations.

Conduct inspections of boilers, pressure vessels, and related equipment; provide technical assistance to a variety of professionals; and perform related investigations as needed; conduct shutdown and operating inspections of assigned equipment to ensure compliance with regulations and adopted industry codes in effect at the time of the equipment's installation; conduct opening and closing conferences with company management as needed; exercise appropriate safety precautions when working in close proximity to operating boilers and pressure vessels.

Evaluate whether appropriate preventive maintenance is being performed by company personnel; issue notices of violation with time period for abatement; recommend fines when violations are not corrected in specified time period; submit inspection reports which determine whether operating permits are issued, withheld, or revoked; and order changes to the authorized operating pressure of boilers when warranted by the condition of the boiler.

Investigate industrial accidents and employer/employee complaints concerning boilers and related equipment to include interviewing complainants/witnesses, inspecting equipment, determining cause and appropriate method of correction; issue citations or permits suspensions as appropriate; prepare investigation reports.

Provide technical assistance in response to inquiries from builders, constructors, architects, owners, users, service and repair organizations regarding the interpretation of code requirements, maintenance or operational problems with equipment.

Perform related duties as assigned.

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MINIMUM QUALIFICATIONS

SPECIAL REQUIREMENTS:

* A valid driver's license is required at the time of appointment and as a condition of continuing employment.
* Commission as a National Board of Boiler and Pressure Vessel Inspector is required at the time of application and as a condition of continuing employment.

MINIMUM QUALIFICATIONS (cont'd)

INFORMATIONAL NOTE:

* Incumbents must obtain and maintain a State of Nevada Boiler Inspector's Certificate of Competency within six months of appointment and as a condition of continuing employment.

SAFETY SPECIALIST, BOILER

EDUCATION AND EXPERIENCE: Bachelor's degree from an accredited college or university in engineering or a closely related curriculum and two years of experience in the design, construction, repair, or operation of high-pressure boilers and pressure vessels; **OR** Associate's degree in one of the mechanical technologies from an accredited college and three years of experience as described above; **OR** graduation from high school or equivalent education and four years of experience as described above. *(See Special Requirements and Informational Note)*

ENTRY LEVEL KNOWLEDGE, SKILLS, AND ABILITIES (required at the time of application):
Working knowledge of: the operation of high-pressure boilers and pressure vessels; safety codes for boilers by the American Society of Mechanical Engineers (ASME) and American National Standards Institute (ANSI), and National Board Boiler and Pressure Vessel Codes; the design, construction, operation, maintenance and welding repair of boilers; non-destructive testing; electrical and mechanical controls; safety precautions necessary regarding boilers. **Ability to:** read and interpret mechanical and electrical codes, standards, drawings and specifications related to the installation and operation of boilers and pressure vessels; inspect boilers and related equipment to detect deviations from prescribed standards; use hand tools such as light meters; perform standard mathematical calculations; write clear and concise reports; maintain equanimity in the face of resistance or hostility; make oral presentations at conferences with management; physically inspect boilers and boiler rooms in a safe manner.

FULL PERFORMANCE KNOWLEDGE, SKILLS, AND ABILITIES (typically acquired on the job):
Working knowledge of: Uniform Building Code, Uniform Plumbing Code, Uniform Mechanical Code as related to boilers and related equipment. **Ability to:** research code applications for nonstandard designs.

This class specification is used for classification, recruitment, and examination purposes. It is not to be considered a substitute for work performance standards for positions assigned to this series.

11.537

ESTABLISHED: 12/10/10PC