

SENIOR MAINTENANCE MECHANIC III (WELDER)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this foreman level position supervises a staff, including at least one journeyman, in performing maintenance and repair. The incumbent inspects facilities and recommends action. The incumbent is responsible for planning and implementing a welding maintenance and repair program by planning and laying out work; estimating materials, costs and staffing requirements. Work is performed with considerable independence in accordance with departmental goals, procedures and trade standards which include American Welding Society (AWS) Codes, OSHA guidelines and EPA regulations. More complex jobs may require detailed instructions, blueprints or sketches from an engineer or technician. The incumbent is fully proficient in the skills and practices of the trade, with full knowledge of the principles, tools and techniques. The difference between this foreman level position and that of the journeyman, is that the foreman supervises at least one journeyman welder and may supervise a number of lower level full time, seasonal and temporary personnel. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Supervises, directs and performs welding, brazing, cutting and the soldering of metal parts, including ferrous (cast iron, stainless steel, high and low carbon steel) and non-ferrous metals (aluminum, brass, bronze, copper, etc.) in accordance with AWS Codes, in the repair and replacement of parts or mechanical equipment or in the repair, replacement and/or installation of structural steel so that equipment will operate efficiently and safely;

Directs, supervises and participates in the overhaul, repair or replacement of metal parts, where welding or associated metal work is the major skill to extend the useful life of equipment;

Directs, supervises and participates in aligning, setting in place, and welding bases for motors, pumps, street lighting and other mechanical equipment so that equipment will operate correctly and safely;

Directs, supervises and participates in the fashioning of sheet metal troughs, chutes, ventilating ducts and other devices as well as the structures necessary to support them;

Directs, supervises and sketches, layout and fabrication of pipe intersections and angles, and the templates used in their fabrication;

Plans repairs and alterations, making estimates of material costs and staffing requirements;

Ensures that work area is kept in a clean, orderly and safe condition;

Secures information and assists in yearly budget formulation;

EXAMPLES OF WORK: (Illustrative Only) (Cont'd.)

Recommends new methods and equipment to improve work performance;

Performs routine and emergency repairs and maintenance, both scheduled and in response to emergency situations, as required;

Depending on work location, may operate equipment and devices, participate in snow removal, etc., as assigned;

May use computer applications or other automated systems such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments;

May perform other incidental tasks, as needed.

FULL PERFORMANCE SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the tools, techniques and terminology associated with the welding trade; thorough knowledge of the accident and safety precautions of the trade; thorough knowledge of oxyacetylene and electric ARC welding equipment; thorough knowledge of the techniques and practices of ferrous and non-ferrous welding; a strong familiarity with structural steel and metal machine parts of the type which may require welding and brazing or cutting and burning in their repair, replacement or installation; ability to do all types of oxyacetylene and electric ARC welding, brazing and burning with a very high degree of skill; ability to read blueprints and read and draw rough sketches; ability to organize a work program and to effectively supervise others in implementing it; ability to effectively use computer applications such as spreadsheets, work processing, e-mail and database software; ability to read, write, speak, understand and communicate in English sufficiently to perform the essential tasks of the position; resourcefulness in resolving new welding problems; physical strength and agility; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Graduation from high school or possession of an equivalency diploma and either: (a) eight years of increasingly responsible welding experience, four years of which must have been in a wide variety of welding fabrication and installation work without close supervision and two years of which must have involved the lay out of work; or (b) four years full time experience under a journeyman which provided training equivalent to that given in an apprenticeship program and four years of the specialized experience as stated in (a); or (c) a satisfactory equivalent combination of the foregoing training and experience.

NOTE: Apprenticeship training in the trade or training gained by the completion of technical courses in the welding trade at a school or institute or branch of the Armed Services may be substituted for the above training and experience on a year for year basis.

SPECIAL REQUIREMENTS: (1) Possession of a valid New York State drivers license. (2) Depending on work assignment, must meet standards of OSHA regulation 1910.134 Respiratory Protection, and will be required to meet Federal, State and local standards with respect to health and safety.

NOTE: Unless otherwise noted, only experience gained after attaining the minimum education level indicated in the minimum qualifications will be considered in evaluating experience.

West. Co.
J.C.: Non-Competitive
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Job Class Code: C1585
Job Group: X