

SENIOR MAINTENANCE MECHANIC I (PRC MECHANIC)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this position performs a wide variety of mechanical repair work at the journeyman level, on machines and equipment used to maintain golf courses and parks, including the layout of jobs sufficiently complex to require advance planning and the maintenance of necessary supplies and records. Work is performed with considerable independence. It may be initiated by oral or written instructions. An incumbent may work alone, as part of a crew, or function as lead worker on specific projects and may supervise a number of lower level maintenance and labor employees. The journeyman is fully proficient in the skills and practices of the trade, with full knowledge of the principles, tools and techniques. The journeyman has responsibility for determining methods, techniques, materials, and/or devices best suited to complete project. Work at this grade is completed with little or no check during progress or on completion. Supervisor may check overall work to see that it meets trade standards. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs mechanical, electrical and hydraulic repairs on motorized and mechanical park and golf course equipment;

Maintains and repairs gasoline or diesel (internal) combustion engines, including crankshaft, pistons, pins, bearings and fuel, cooling and exhaust systems;

Repairs, maintains, installs and inspects devices and equipment such as roller coaster cars, trucks, ferris wheels, merry-go rounds, and motor scooters, plus other amusement park mechanical facilities and equipment;

Inspects, maintains and repairs electrical and hydraulic systems and accessories;

Maintains and repairs brakes, final drives, transmission, torque converters and accessories;

Operates valve grinder, drill press, lathe, welding and burning equipment and other associated tools;

Instructs equipment operators and others in performance of scheduled preventive maintenance on their assigned equipment;

Maintains an equipment parts inventory, orders parts as needed and maintains equipment and inventory records;

Fabricates machine parts where substantial savings can be made or where parts are not readily available on the open market;

Fabricates various specialized equipment from rough sketches and diagrams;

Solders, welds, and brazes in the performance of much of the work given above;

Maintains records of work done, supplies used and supplies needed;

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

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

Repairs machine parts for a variety of golf course and park equipment, irrigation systems, heating units, pumps and other mechanical systems;

Maintains work area in a clean, orderly and safe condition;

Assists in instituting training programs;

Depending on work location, may operate automotive equipment, 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 KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the tools, techniques and terminology used in the mechanical trades related to the repair, adjustment and inspection of a variety of golf course and park equipment; good knowledge of standard machine shop practice; good knowledge of the accident and safety precautions of the trade; knowledge of computer applications, such as spreadsheets, word processing, e-mail and database software; ability to operate to close tolerances standard machine shop equipment such as lathes, drill presses, milling machines, shapers and various cutting tools; ability to do gas and electric welding, soldering and/or brazing with a high degree of skill; ability to perform work with rough sketches, diagrams or blueprints; ability to coordinate work with the work of other trades; ability to follow oral and written instructions; ability to use computer applications or other automated systems such as spreadsheets, word processing, calendar, email and database software; ability to read, write, speak, understand and communicate in English sufficiently to perform the essential tasks of the position; resourcefulness in fabricating parts from existing materials and with available machinery; industriousness; physical strength; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) high school or equivalency diploma and four years experience maintaining and repairing mechanical equipment; or (b) graduation from a high school level vocational course and three years experience maintaining and repairing mechanical equipment; or (c) graduation from a two year post high school or trade school course* and two years experience maintaining and repairing mechanical equipment; or (d) seven years work experience five of which must have been maintaining and repairing mechanical equipment; or (e) a satisfactory equivalent combination of training and experience as defined by the limits of (a), (b), (c) and (d).

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Department of Education as a post-secondary, degree-granting institution.

SPECIAL REQUIREMENT: (1) Possess and maintain a valid license to operate a motor vehicle in New York State, appropriate to the type of equipment operated. (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.