

**CITY OF CONCORD
CLASS SPECIFICATION**

CLASS TITLE: WELDER / MECHANIC
DEPARTMENT: GENERAL SERVICES
REPORTS TO: SHOP SUPERVISOR

JOB CODE: 2340
DATE: 2/08

JOB SUMMARY:

Performs skilled acetylene and electric arc welding work in the fabrication, repair, and reinforcement of metal parts and equipment. Also performs extensive heavy-duty mechanical repairs.

ESSENTIAL JOB FUNCTIONS:

Performs cutting and welding operations on machinery and equipment; repairs parts for machinery and equipment.

Determines appropriate welding techniques and equipment to use; works from sketches, blueprints, and instructions given both orally and in writing.

Performs designing, layout and fabrication of various metal items used by the city.

Performs on location welding operations on city structures and equipment.

Operates air arc machine to cut heavy material.

Fabricates metal articles such as brackets, pipe hangers, braces, sanders, rakes, teeth, and plow blades.

Maintains and makes repairs on welding equipment; sharpens and tempers tools.

Mounts bodies on new cabs and chassis.

Welds and repairs tractor trucks and trailers.

Performs general repair and maintenance of city vehicles.

Performs inspections of city vehicles.

Responds to call for roadside assistance.

Operates hydraulic hose equipment.

Diagnoses and repairs hydraulic and electrical equipment.

Performs other related duties as assigned.

MATERIAL AND EQUIPMENT USED:

Wired Feed-Mik Welder
Mechanical Hand Tools

Cutting Torches
Gas Welder

Placemat Cutter
Arc Welder

MINIMUM QUALIFICATIONS REQUIRED:

Education and Experience:

High School diploma or GED; and, additional training in welding apprenticeship; and, four years of experience as journeyman welder; or, any combination of education, training and experience, which provides the knowledge, skills, and abilities required for the job.

Licenses and Certifications:

Valid New Hampshire Class (B) Commercial Driver's License with air brake endorsement.

KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of:

Methods, materials, and equipment used in the welding trade.

Proper temperature for tempering metals, and working qualities of metals.

Construction and maintenance methods and practices.

Automotive and equipment repair and maintenance.

Skill in:

Operating acetylene and electric arc welding equipment.

Body repair.

Mental and Physical Abilities to:

Read and follow written and oral instructions, layouts, diagrams, and blueprints.

Repair a wide variety of equipment and machinery.

Read and interpret documents such as safety rules, operation and maintenance instructions, and procedure manuals.

Solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists.

Perform duties while intermittently sitting, standing, stooping, bending, crouching or walking.

Frequently lift light and heavy objects.

Climbs ladders.

Uses tools or equipment requiring a high degree of dexterity.

Distinguish between shades of color.

Working Conditions:

Work is performed in a very noisy place.

Work exposed the employee to dust, dirt, grease, machinery with moving parts, and irritating chemicals.

Work may be performed outdoors, occasionally in cold or inclement weather.

Work requires the use of protective equipment such as masks, goggles, or gloves.

This class specification should not be interpreted as all inclusive. It is intended to identify the essential functions and requirements of this job. Incumbents may be requested to perform job-related responsibilities and tasks other than those stated in this specification. Any essential function or requirement of this class will be evaluated as necessary should an incumbent/applicant be unable to perform the function or requirement due to a disability as defined by the Americans with Disabilities Act (ADA). Reasonable accommodation for the specific disability will be made for the incumbent/applicant when possible.