

**DEPARTMENT:** NORTH TONAWANDA FIRE DEPT.  
**CLASSIFICATION:** NON-COMPETITIVE  
**APPROVED:** FEBRUARY 4, 2000

### FIRE EQUIPMENT MECHANIC

**DISTINGUISHING FEATURES OF THE CLASS:** This is skilled work involving responsibility for automotive and other mechanical repairs to fire fighting equipment in order to maintain all department apparatus and equipment in an efficient operating condition. Incumbents are responsible for maintaining the repair shop and all apparatus, tools and equipment in it. An employee in this class is expected to respond to multiple alarm fires to insure proper operation of apparatus. Incumbents are required to provide his/her own hand tools. Work is broadly outlined by Fire Chief permitting wide leeway for planning jobs. Does related work as required.

#### **TYPICAL WORK ACTIVITIES:**

1. Rebuilds pumps and engines;
2. Diagnoses and repairs malfunctions in engines, transmissions and transfer cases and differentials;
3. Diagnoses and repairs malfunctions in ignition systems, starters, alternators, generators, and related electrical devices and their circuitry
4. Maintains, diagnoses and repairs malfunctions in hydraulic, vacuum, and air brake systems;
5. Diagnoses problems, repairs and maintains fire pumps and their related flow and pressure regulating and controlling devices;
6. Performs electric and acetylene welding;
7. Responds to multiple alarm fires for the purpose of maintaining and repairing fire fighting equipment;
8. Makes estimates and prepares requisitions for materials;
9. Establishes and maintains a preventative maintenance program;
10. Maintains records of repairs and preventative maintenance activity;
11. Maintains and repairs related fire department equipment such as ladders, nozzles, gate valves, axes, pike poles, snow blowers, lawn mowers, 2 and 4-cycle engines, etc.

#### **FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of standard automotive repair methods and of the terminology and tools of the trade; skill in the use of computers to perform research, trouble shoot, diagnose and locate parts in all department equipment and apparatus; demonstrated ability to make difficult repairs to automotive and other mechanical equipment; ability to use and operate the tools necessary to accomplish these tasks; ability to operate electric and gas welding tools; ability to work from plans and specifications; ability to follow oral and written directions; mental alertness; mechanical aptitude; ability to get along well with others; dependability; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Two (2) years full-time paid experience as a skilled Automotive Mechanic preferably experienced in truck maintenance and repair.