

City of Springfield

**FIRE ENGINEER**

Pay Grade: 311

FLSA Status: Nonexempt

Bargaining Unit: IAFF

GENERAL DUTIES AND RESPONSIBILITIES:

Works under the direct supervision of a superior officer, who assigns work details and reviews work. Performs a variety of duties including: (1) combating, extinguishing, and preventing fires; (2) examining, evaluating, and treating ill or injured persons. Responds to, and performs fire suppression, rescue, and medical aid. Performs maintenance duties involving equipment and fire stations. Participates in classes and training sessions, conducts training as requested in special areas. Performs related duties as required.

ESSENTIAL DUTIES:

1. Responds to alarms of FIRE/EMS, drives apparatus, operates pumps and equipment, and performs related duties as required.
2. Must qualify and perform, after proper training, in the capacity of acting-in-capacity company officer and/or any other related duties deemed necessary.
3. Practices good safety standards when performing all duties. Maintains uniform and person in clean and presentable condition.
4. Performs inspections, maintenance, and service of fire department apparatus, station grounds, and equipment. Assists in maintaining apparatus and equipment in a state of operational readiness for those emergencies requiring fire department action.
5. Participates in annual fire hydrant, hose and pumper tests, inspections, and maintenance as required.
6. Engages in fire prevention pre-fire inspections and public relations/education activities as required; including escorting tours through stations, demonstrations, and other activities.
7. Continually improves knowledge, skills, and work methods to keep current with evolving fire science and emergency medical technology.
8. Supervises work activities when assigned by a superior officer.

## FIRE ENGINEER - 2

### QUALIFICATION REQUIREMENTS:

#### General Knowledge, Ability, and Skills

1. Must have considerable knowledge of fire fighting, apparatus practices and principles. Shall have a working knowledge of hydrant locations, streets, and topography of the area of responsibility. Must have a working knowledge of the principles of hydraulics as applied for fire fighting. Ability to skillfully drive, operate and maintain fire fighting apparatus.
2. Knowledge of fire fighting techniques and medical techniques; the use of fire fighting, medical, and communications equipment.
3. Knowledge of the operation and maintenance of fire department apparatus, pumps, and equipment; and the ability to skillfully drive and operate fire apparatus.
4. Knowledge of the streets, building locations, hydrant locations, and size of water mains in the protected area.
5. Ability and skill in the use of hand tools and power tools.
6. Ability to climb ladders, handle hose, and lift heavy objects.
7. Ability to work harmoniously with other employees and the public.
8. Ability to understand and follow oral and written instructions.
9. Ability to spell, punctuate, and express thoughts in writing.
10. Ability to use office equipment.
11. Ability to work effectively at considerable heights and confined areas.
12. Ability to endure cold and heat and strenuous activity under hazardous and dangerous circumstances.
13. Ability to remain calm in emergencies.
14. Ability to establish and maintain good public relations.
15. Ability to maintain a safe driving record.

#### Experience and Training

Three (3) years experience with the Springfield Department of Fire and Life Safety as a sworn employee, and completion of the Engineer Development Program verified by Training, or any combination of training, education, and experience that provides the required knowledge, skills, and abilities.

#### Licenses and Certifications

- a) Valid Oregon Class "C" driver's license.
- b) Current Oregon certification as an EMT-B or higher.
- c) Certification as Pumper Operator - or the completion of all required training and taskbooks pending State of Oregon DPSST approval.

#### Condition of Employment

Uniform personnel hired after October 31, 1986, must refrain from the use of tobacco products at all times.

#### Classification History:

3/09: Added “Completion of the Engineer Development program verified by Training” to Experience and Training; removed “Certification as Apparatus Operator 1” and added “-or the completion of all required training and taskbooks pending State of Oregon DPSST approval” to the Certification as Pumper Operator to Licenses and Certifications

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