CLASS TITLE:  Sprinkler Fitter

CHARACTERISTICS OF THE CLASS:  Under supervision, performs journey level sprinkler fitting work in the installation, repair and maintenance of automatic fire sprinkler systems and related piping; and performs related duties as required.

ESSENTIAL DUTIES:  Reads blueprints, specifications and work orders to assess work required and to determine the proper installation and repair methods to use; removes damaged, defective or obsolete sprinkler systems; ensures adequate supplies of tools, equipment and materials needed to complete jobs are at work sites; uses tools to measure, cut, bend and fabricate hangers and overhead piping; measures and marks areas where pipes will be installed and connected; installs new fire sprinkler systems or extensions to existing systems; inspects to ensure sprinklers are working properly and are in compliance with safety and municipal standards; repairs and maintains sprinkler systems and related equipment; connects piping with adhesive or by soldering; operates specialized equipment and tools including saws, pipe cutters and pipe bending machines; prepares work activity reports.

RELATED DUTIES:  Loads, transports and unloads equipment and supplies; cleans equipment and work site after repairs; cleans and maintains fire hoses and extinguishers to ensure proper operation.

MINIMUM QUALIFICATIONS:

Training and Experience.  Successful completion of a US Department of Labor registered sprinkler fitter apprenticeship training program and journeyman status, or an equivalent combination of training and experience.

Knowledge, Abilities and Skill.  Good knowledge of the principles, work methods and techniques of the sprinkler fitting trade.  Good knowledge of safety practices and procedures.  Good knowledge of municipal building code requirements pertaining to the installation of fire sprinkler systems.

Ability to read and interpret blueprints and specifications.  Physical ability to use the tools of the trade.  Ability to access equipment located above ground level or in confined or cramped areas.  Ability
CLASS TITLE: Sprinkler Fitter (Cont'd)

to prepare work activity reports.

Skill in the installation, repair and maintenance of fire sprinkler systems. Skill in the use of tools and equipment of the sprinkler fitting trade. Basic math skills. Basic oral and written communication skills.

Physical Requirements. Ability to lift and carry tools and materials weighing up to 50 pounds frequently and 75 pounds occasionally.

Working Conditions. Unavoidable exposure to extreme temperatures, fumes and a wet environment. Work is performed at high levels using ladders and scaffolds.

Equipment. Standard tools and equipment of the sprinkler fitting trade including pipe cutters, saws, wrenches. Safety equipment.

NOTE: While the list of essential duties is intended to be as inclusive as possible, there may be other duties which are essential to particular positions within the class.

November, 2004
City of Chicago
Department of Personnel