CLASS TITLE:  **Chief Fire Prevention Engineer**

CHARACTERISTICS OF THE CLASS: Under direction, manages and directs the activities of the engineering unit within the Bureau of Fire Prevention; and performs related duties as required.

ESSENTIAL DUTIES: Directs a professional engineering staff engaged in the review of construction plans to ensure plans are in compliance with the fire prevention and safety requirements of the City's Fire Code; provides administrative review and approval of plans and engineering specifications to ensure proposed fire prevention systems are in compliance with the Fire Code prior to the issuance of building permits; develops and implements plan examination standards and procedures; directs the provision of staff training to ensure the uniform application of fire code requirements; provides technical assistance to staff and Fire Department Inspectors in interpreting the provisions of the City's Fire Code; advises contractors and architects of fire code violations and needed revisions to bring plans into code compliance; prepares technical and administrative reports on unit's operations.

RELATED DUTIES: Directs the drafting of amendments to the Fire Code; testifies in court cases relative to fire prevention code violations; attends Homeless Shelter Committee meetings to represent the Fire Department as to the fire safety implications of proposed changes to shelter construction plans.

MINIMUM QUALIFICATIONS:

Training and Experience. Graduation from an accredited college or university with a Bachelor's degree in Fire Protection or Mechanical Engineering or a directly related area of engineering, supplemented by five years of progressively responsible experience in the planning, design and installation of fire protection systems, including two years of supervisory experience, or an equivalent combination of training and experience.

Knowledge, Ability and Skill. Comprehensive knowledge of the principles and practices of fire prevention engineering methods. Comprehensive knowledge of federal and state laws relating to fire protection and safety issues. Comprehensive knowledge of the requirements of the City's Fire Code. Good knowledge of building
construction methods.

Ability to direct a professional engineering staff. Ability to perform detailed reviews of construction plans and engineering specifications for fire protection systems. Ability to deal effectively with contractors and architects.

CLASS TITLE: Chief Fire Prevention Engineer (Cont'd)

Comprehensive skill in the application of fire prevention engineering theory to fire safety issues. Good administrative and management skills. Good human relation skills. Good oral and written communication skills.

License Requirement. Registration as a Professional Engineer (R.P.E.) in the State of Illinois is required.

Working Conditions. General office environment.

Equipment. Standard office 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.

June, 1996