

**University of Delaware**  
**Environmental Health and Safety Protocol**

**Section:** Fire/Life Safety

**Protocol Name:** Fire/Life Safety Equipment Design, Installation and Maintenance

**Origination Date:** June 11, 2004

**Revisions:** December 1981, May 1989, April 1996, November 2015, January 2019

**Protocol Number:** F-02

**I. SCOPE OF PROTOCOL**

To ensure all activities involving fire protection/life safety equipment and systems are conducted in compliance with all applicable federal, state, local regulations and according to the procedures established by the Department of Environmental Health and Safety.

**II. DEFINITIONS**

A. Fire Protection/Life Safety Equipment and Systems

1. Includes but is not limited to: portable fire extinguishers, fire pumps, and fire/life safety communications equipment.

B. Fire Protection Systems

1. Includes but are not limited to: gas/smoke and heat detection systems, sprinkler systems, audible, visible, and voice evacuation systems, automatic extinguishing systems, smoke removal systems, exit systems, and fire lane systems.

C. Impairment

1. Defined as an occurrence which may cause a reduced level of operational ability of fire/life safety equipment or systems.

**III. PROTOCOL STATEMENT**

N/A

**IV. PROTOCOL STANDARDS AND PROCEDURES**

A. New Construction/Renovations

1. All new installations of this equipment and systems must be performed in compliance with all applicable federal, state, and local regulation. University Fire Protection Design Standards must be followed for all new fire protections systems and equipment installation, and when practical for repair/replacement of existing fire protection systems and equipment.

B. Existing Buildings

1. It is imperative to life safety to have all fire protection/life safety systems and equipment in a ready state to be effective in an emergency. For this reason, the procedures established by the Department of Environmental Health and Safety must be followed whenever a system or this equipment must be taken out of service.

C. Code Enforcement Consultations

1. The Department of Environmental Health and Safety serves as the University liaison between code enforcement officials and the University community for life

safety/fire protection issues.

D. Leased Facilities

1. Employees occupying space in leased facilities should be afforded the level of safety provided by current federal, state and local regulations.

Additional information on these topics including the procedures and the involvement of other University departments can be found in the Life Safety/Fire Protection Procedures available by calling the Department of Environmental Health and Safety at 302-831-8475.