UL 1254F

Outline of Investigation for Rubber-Gasketed Fittings and Metallic Pipe for Commercial Cooking Equipment Protection Extinguishing System Units

Issue Number 1

March 4, 2016

Summary of Topics

This is the first issue of the Outline of Investigation for Rubber-Gasketed Fittings and Metallic Pipe for Commercial Cooking Equipment Protection Extinguishing System Units, UL 1254F.

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INTRODUCTION

1 Scope

1.1 These requirements cover rubber-gasketed fittings and metallic pipe intended for use as extinguishing agent distribution piping of pre-engineered fire extinguishing system units for protection of commercial cooking equipment. For installation requirements, see the following documents: the Standard for Dry Chemical Extinguishing Systems, NFPA 17, or the Standard for Wet Chemical Extinguishing Systems, NFPA 17A and the manufacturer's instruction manual.

1.2 The fittings are of the configuration type (e.g., tees, elbows, couplings, and transition fittings) with integral rubber gaskets or seals.

1.3 The joints formed with the use of fittings covered by this Outline of Investigation prevent separation under pressure.

1.4 Pre-engineered fire extinguishing system units, extinguishing agents, or both are required to comply also with the requirements for construction, performance, and fire testing as applicable to specific types, designs, sizes, and arrangements. All such additional requirements which apply are not within the scope of these requirements; but are contained in UL 1254, (Construction and Performance), and UL 300, (Fire Testing).

2 Components

2.1 Except as indicated in 2.2, a component of a product covered by this Outline of Investigation shall comply with the requirements for that component.

2.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this Outline of Investigation, or

b) Is superseded by a requirement in this Outline of Investigation.

2.3 A component shall be used in accordance with its rating established for the intended conditions of use.

2.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as temperatures not exceeding specified limits, and shall be used only under those specific conditions.

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