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Fixed & Portable Fire Extinguishing Systems & Equipment

FIR-8.07 - Fixed Extinguishing Systems: UL 300 Upgrade [\(Printable Version\)](#)

FIXED EXTINGUISHING SYSTEMS: UL 300 UPGRADE
Administrative Rule Adopted by Bureau of Fire & Rescue Pursuant to Rule-Making Authority
 ARB-FIR-8.07

PURPOSE:

To regulate the installation of UL 300 fixed extinguishing systems in both new and existing hood and vent exhaust systems.

SCOPE:

This policy applies to all occupancies where the Portland Bureau of Fire, Rescue and Emergency Services has authority.

BACKGROUND:

Recent changes in the types of oils used in cooking processes have rendered some existing dry-chemical fixed extinguishing systems ineffective. It is the intent of this office to minimize the possibility of uncontrollable fires resulting from the incorrect application of extinguishing agents.

REFERENCES:

Current adopted editions of the Oregon Uniform Fire Code (OUFC), NFPA 96, and NFPA 17A.

PROCEDURES:

New Installations:

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FIR-8.07 - Fixed Extinguishing Systems: UL 300 Upgrade

New installations shall conform to the UL 300 standard. Systems shall be installed in compliance with all applicable sections of the OUFC, NFPA 96, NFPA 17A and in accordance with the manufacturer's specifications.

Existing Installations:

Existing fixed extinguishing system installations will be allowed to continue unless **any** of the following conditions are found to exist:

1. The system can no longer be maintained as required for the semi-annual service due to lack of available replacement parts.
2. The system requires alteration to meet protection specifications for the cooking equipment.
3. The occupant has changed from animal fat based cooking medium to vegetable oil in their deep fat fryers.
4. In the judgment of the Fire Marshal, a condition exists that, if allowed to continue, would constitute an imminent hazard.

Upgrades due to one of the items above shall:

1. Conform to the UL 300 standard.
2. Include the installation of a K class portable fire extinguisher.
3. Be installed in compliance with all applicable sections of the OUFC, NFPA 96, NFPA 17A, and in accordance with the manufacturer's specifications.

HISTORY

Filed for inclusion in PPD June 13, 2003.
Originally adopted by Fire Marshal as Fire Prevention Division Policy Manual Document H-7, effective May 12, 1997, revised October 10, 2000.