

SOUTHERN OREGON FIRE CODE OFFICIALS

Commercial Kitchen Hood Suppression Systems

March 17, 2010

Attn: Contractors who Service and Install Commercial Kitchen Hood Suppression Systems

Re: Qualifications and Training Requirements

To Whom It May Concern:

In accordance with code requirements and the manufacturer's listed design manuals, contractors who service and install commercial kitchen hood suppression systems must meet the following requirements:



New Installations

- For new installations and/or service that requires any alteration, removal, or substantial replacement of parts in the system (excluding the replacement of fusible links), the contractor must have a valid **State of Oregon Contractor's license and a certification from the manufacturer** showing they have been trained and qualified to install or alter the specific manufacturer's system. Also, in accordance with Oregon Fire Code Section 105.7.1, a fire code construction permit is required for installation of or modification to an automatic fire extinguishing system. Maintenance performed in accordance with the fire code is not considered a modification and does not require a permit. They must also be licensed and bonded in the State of Oregon.

Inspection, Testing and Maintenance

- The contractor is required to have a **certification from the manufacturer** showing they have been trained and qualified to service the specific system. They must also be licensed and bonded in the State of Oregon. The contractor shall submit a copy of each inspection, test and maintenance record upon completion to the local fire code official.

For more information, please contact your local Fire Department.

REFERENCES AND DOCUMENTATION

Oregon Fire Code

901.6.1 Fire protection systems shall be inspected, tested and maintained in accordance with the referenced standards listed in Table 901.6.1.

904.5 Wet-chemical extinguishing systems shall be installed, maintained, periodically inspected and tested in accordance with NFPA 17A and their listing.

904.11.6.2 Automatic fire-extinguishing systems shall be serviced at least every 6 months and after activation of the system. Inspection shall be by qualified individuals, and a certificate of inspection shall be forwarded to the fire code official upon completion.

NFPA 17A-Standard for Wet Chemical Extinguishing Systems

1.7* Only persons properly trained shall be considered competent to design, install, and service pre-engineered wet chemical systems.

A.1.7 Although training and qualification might be available elsewhere, it is recommended that such training and qualification be performed by the manufacturer of the equipment being installed or serviced.

3.3.18 One who has undergone the instructions necessary to safely design, install, and reliably perform the maintenance and recharge service in accordance with the manufacturer's listed manual. [17, 2009]

6.2* Design and installation of systems shall be performed only by persons properly trained and qualified to design and/or install the specific system being provided. The installer shall provide certification to the authority having jurisdiction that the installation complies with the terms of the listing and the manufacturer's instructions and/or approved design.

A.6.2 It is recommended that system design and installation personnel be certified in accordance with the manufacturer's requirements. It is standard industry practice to provide expiration dates on training certificates.

6.4 The completed system shall be tested by trained personnel as required by the manufacturer's listed installation and maintenance manual.

7.3.1* A service technician who performs maintenance on an extinguishing system shall be trained.....

7.3.1.1 The service technician shall possess a certification document confirming the requirements in 7.3.1 and issued by the manufacturer or testing organization that is acceptable to the authority having jurisdiction.

NFPA 96-Standard for Ventilation Control and Fire Protection Systems for Commercial Cooking Operations

10.9.2.1 Installation of systems shall be performed only by persons properly trained and qualified to install the specific system being provided.

11.1.8 Inspection and maintenance of equipment allowed in 9.3.1 shall be conducted by properly trained and qualified persons at a frequency determined by the manufacturer's instructions or equipment listing.

11.2.1* Maintenance of the fire-extinguishing systems and listed exhaust hoods containing a constant or fire-activated water system that is listed to extinguish a fire in the grease removal devices, hood exhaust plenums, and exhaust ducts shall be made by properly trained, qualified, and certified person(s) acceptable to the authority having jurisdiction at least every 6 months.

A.11.2.1 It is recommended that such training and qualification be performed by the manufacturer of the equipment being inspected and serviced. The various electrical, mechanical, and filtration components of the systems should be inspected and tested as required to ensure that they continue to function according to original design.

Manufacturer's Listed Design Manuals

Ansul R-102 Restaurant Fire Suppression

System: Design, installation, recharge and maintenance of the system must conform to the limitations detailed in this manual performed by an individual who attended an Ansul training program and became trained to install, recharge, design, and maintain the Ansul system.....Maintenance is a vital step in the performance of your fire suppression system. As such it must be performed....by an authorized Ansul distributor."

Amerex Restaurant Fire Suppression System:

This warrantee is valid only if each system is installed, serviced and maintained by an Amerex authorized distributor in strict accordance with Amerex Manual No. 20150.....Those responsible for the design, installation, operation and maintenance of the Amerex Restaurant Fire Suppression System must be trained by Amerex and hold a current Amerex certificate.

Pyro-Chem: The Pyro C PCL-300/460/600 is a sophisticated fire suppression system involving intricate mechanical components. To ensure the proper operation of the system, regular inspection and maintenance must be performed by an authorized, trained Pyro-Chem distributor...