



WEST PIERCE FIRE & RESCUE

Proudly serving the citizens of Lakewood and University Place

3631 Drexler Drive West, University Place, WA 98466
phone 253.564.1623 | fax 253.564.1629 | www.westpierce.org

Commercial Hood Suppression Systems Plan Review Checklist

The following are the minimum requirements needed for submittal of hood and duct suppression systems to be reviewed for approval. Provide 3 sets of all required documentation.

- Proposed system must meet the requirements of the 2012 International Fire Code and 2009 edition of NFPA 17A or other applicable codes.
- Provide documentation of certification, training or authorization for the design and installation of the proposed system.
- System drawings shall be provided in $\frac{1}{4}$ or $\frac{1}{8}$ inch scale. Submitted documents shall include all applicable requirements of NFPA 17A. Including, but not limited to the following;
 - Building floor plan showing the entire system location and the nearest exit way or door.
 - Size, length and arrangement of connected piping.
 - Dimension of hood, duct and all appliances under the hood. If hood system is listed provide documentation.
 - Description, location and height of nozzles.
 - Include drawing of line detection system with fusible links in place.
 - Include diagram of the appliances disconnect and their locations.
 - Provide documentation for interlocks and their location
 - Show location of required Type "K" (wet chemical) portable fire extinguisher within 30' feet of the cooking line.
- Provide or show information for make-up air and how hood will remain in operation while cooking is in progress.
- Provide manufacturer's documentation for all components of the system, i.e. control box (head), extinguishing agent, sprinkler heads, gas shut-off valves, switches, manual pull station, interlock devices, etc.

Plans and permits must be submitted to West Pierce Fire & Rescue, Station 20 at 10928 Pacific Hwy SW, Lakewood, WA 98499. For plan submittal or permit questions please contact Administrative Assistant, Loralee Ashley at (253) 983-4583 or Loralee.Ashley@westpierce.org.

For system requirements or plan review questions please contact Michael Dobbs, Battalion Chief/Assistant Fire Marshal at (253) 983-4584 or Michael.Dobbs@westpierce.org.

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