



PORTLAND MAINE

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Kitchen Exhaust System Checklist and code Provisions

Dear Applicant,

The following is a checklist to assist you in filing for a permit for a Kitchen Exhaust system. The applicable Mechanical Code provisions have also been attached. Please complete this and submit job specific construction documents that demonstrate compliance with the attached information.

Type of System:

Type I X Type II _____

Type I systems are systems that vent fryers, grills, broilers, ovens or woks.

Type II systems are systems that vent steamers and other non grease producing appliances.

Type of Materials:

Is the hood Stainless steel or other type of steel? Yes If Other, what Type? Type 304 SS

Is the duct work Stainless steel or other type of steel? Other If Other, what type? Welded Black Iron

Thickness of the steel for the hood 18 Gauge

Thickness of the duct for the hood 16 Gauge

Type of Hood and Duct Supports

Hood - Hanging angles at all corners

Type of seams and Joints _____

Factory Built with welded -UL710 approved hems and joints

Grease Gutters provided? Yes (Grease Drain System - See attached cut)

Hood Clearance reduction to Combustibles design /specs:

Meets Nfpa96 - (See attached cut)

Duct Clearance reduction to Combustibles design /specs:

3 inches

Vibration Isolation System:

n/a - No inline fans - fan on roof

Air Velocity within the duct system 1700 FPM

Grease accumulation prevention system:

Filters and grease gutters at hood - gutters pitched to grease cups

Cleanouts Yes

Grease Duct enclosure 2 hour shaft

Exhaust Termination Roof X Wall _____

Fire Suppression System Ansul Piranha

Exhaust fan mounting and clearance from the roof / wall or Combustibles:

Mounted on roof

Exhaust fan distance from property lines 61 feet +

Exhaust fan distance from other vents or openings 20 feet +

Exhaust fan distance from adjacent buildings 70 feet +

Exhaust fan height above adjoining grade On roof at 50 feet +

Hood Specs

Style of Hood Captive Aire - Type ND-PSP

Type of Filter Industrial grease baffle filters

Height of filter above nearest cooking surface 42 to 48"

Capacity of hood CFM 700

Make up Air system description and capacity

HP-7 - Ducted to prep kitchen

