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Kitchen Exhaust System Checklist and Application

Dear Applicant,

The following is a checklist to assist you in filing for a permit for a Kitchen Exhaust system. Please complete this and submit job specific construction documents that demonstrate compliance.

1. Type of System:

Type I 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.

2. Type of Materials:

Is the hood Stainless steel or other type of steel? STAINLESS

If other, what type? _____

Is the duct work Stainless steel or other type of steel? NO

If other, what type? BLACK IRON

Thickness of the steel for the hood: _____ Thickness of the duct for the hood: 16GA

Type of Hood and Duct Supports UNISTRUTT & THREADED ROD

Type of seams and Joints WELDED

Grease Gutters provided? Hood Clearance reduction to Combustibles design /specs:

Duct Clearance reduction to Combustibles design /specs:

2 LAYERS ZERO CLEARANCE FIREMASTER DUCT WRAP

Vibration Isolation System: NO



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Air Velocity within the duct system 1,800 FPM

Grease accumulation prevention system: FILTERS & CUP

Cleanouts: EVERY 10' AS REQUIRED

Grease Duct enclosure: YES

Exhaust Termination: Roof X Wall _____

Fire Suppression System: YES, BUILT IN

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

AS REQUIRED <42" ABOVE ROOF AND <10' FROM FRES AIR

Exhaust fan distance from property lines: 20+'

Exhaust fan distance from other vents or openings: 10'

Exhaust fan distance from adjacent buildings: 20+'

Exhaust fan height above adjoining grade: EXCEEDS REQUIRED

3. Hood Specs

Style of Hood: _____

Type of Filter: WASHABLE S/S BAFFLE

Height of filter above nearest cooking surface: 36" - 40"

Capacity of hood CFM: 900 CFM

Make up Air system description and capacity:

720 CFM MAKE UP AIR CAPTIVE AIRE