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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? Stainless If Other, what Type? 18 ga Stainless steel

Is the duct work Stainless steel or other type of steel? CARBON Steel If Other, what type? 16 ga Carbon Steel

Thickness of the steel for the hood 18 ga

Thickness of the duct for the hood 16 ga

Type of Hood and Duct Supports

Threaded Rods - hung To Ceiling joist - also logged into wall.

Type of seams and Joints Welded + Bolted welded flanges with High Temp. caulking where welding is not possible.

Grease Gutters provided? yes

Hood Clearance reduction to Combustibles design /specs:
18" Min.

Duct Clearance reduction to Combustibles design /specs:
18" Min.

Vibration Isolation System:

Air Velocity within the duct system 2000 MIN.

Grease accumulation prevention system:
yes

Cleanouts yes

Grease Duct enclosure _____

Exhaust Termination Roof ✓ Wall _____

Fire Suppression System yes

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

Exhaust fan distance from property lines _____

Exhaust fan distance from other vents or openings _____

Exhaust fan distance from adjacent buildings _____

Exhaust fan height above adjoining grade _____

Hood Specs

Style of Hood CANOPY

Type of Filter Baffle

Height of filter above nearest cooking surface 42"-48"

Capacity of hood CFM 1875 CFM

Make up Air system description and capacity
BUILDING HVAC system accommodates
make up air for 1 City Center B4B6.