

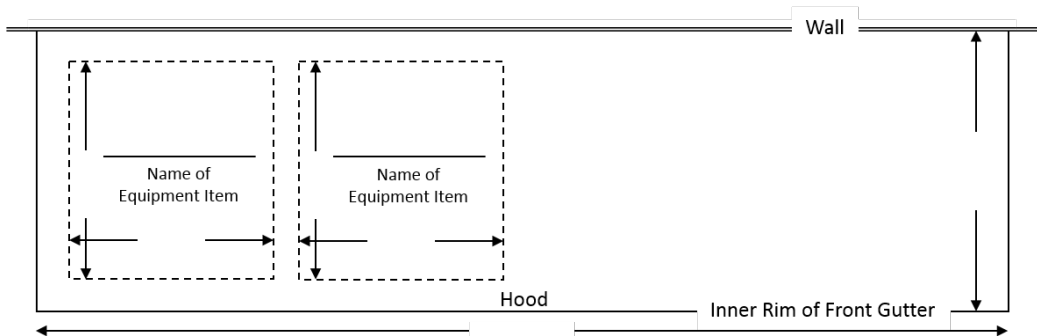
Exhaust Hood Worksheet

Facility Name _____

Address _____

Cooking and Equipment Hood

Fill in cooking equipment and hood dimensions in feet in the overhead view to the right.



- Casters and quick disconnects **strongly** recommended! Specified?..... Y N
- Gas line should exit wall $\geq 24"$ above floor to allow downward loop of quick disconnect gas line. Specified?..... Y N
- Hood long enough to allow $\geq 6"$ on sides of equipment?..... Y N
- Hood wide enough to allow $\geq 6"$ in front and back of equipment?..... Y N
- Canopy lip $\geq 6.5'$ above floor and $\leq 4'$ above cooking surface?..... Y N
- Canopy free of exposed horizontal electrical and Ansul lines?..... Y N

CFM

What kind of hood? _____

Hood opening _____ ft x _____ ft = _____ sq ft x _____ Q factor from CMC = _____ CFM
Length Width

Other formula? _____ = _____ CFM

Filters

Filter size _____ " H x _____ " W _____ x _____ sq ft = _____ sq ft
of Filters Usable area per filter Total filter area

_____ CFM \div _____ sq ft (total filter area) = _____ fpm

- Baffle filter ideal fpm = 300; should be 250-350. Is it?..... Y N NA
- Horizontal slot filter ideal fpm = 1000; should be 800-1200. Is it?..... Y N NA
- Fpm can be < or > above if this is a "LISTED" hood. Is it?..... Y N
- Total of filter widths (_____) must be < hood length. Is it?..... Y N

Duct

Duct dimensions: _____ " x _____ " = _____ " \div 144 = _____ sq ft

Hood >12 ft long shows > 1 exhaust outlet to main duct?..... Y N NA

_____ CFM \div _____ sq ft = _____ fpm

Fpm should be \approx 1800; must be 1500-2500 (Type I). Is it?..... Y N NA

Static Pressure and Exhaust Fan

of elbows = _____ Static pressure \approx _____ " SP

Cleanout at each elbow?..... Y N NA

Exhaust fan: Make _____ Model # _____ H.P. _____

UL 762 Restaurant Application specified for Type I?..... Y N

Easily pulls CFM at SP?..... Y N

Make-Up Air

_____ CFM \div 2000 CFM= _____ Next higher whole number= _____ Diffusers recommended

Make-up air static pressure \approx _____ "SP

Make-up air fan: Make _____ Model # _____ H.P. _____

Supplies 95-100% of exhaust CFM at SP?..... Y N

Make-up air on roof \geq 10 ft from exhaust?..... Y N

Diffusers on ceiling \geq 10 ft from hood?..... Y N

Exhaust and make-up air interlocked?..... Y N

Prepared by: _____ / /

Name

Phone #

Company

Date