



IDAHO STATE FIRE MARSHAL
Department of Insurance
700 W. State Street, 3rd Floor
Boise, Idaho 83720-0043
Phone: (208) 334-4370 | www.doi.idaho.gov/sfm

HOOD SYSTEM PLAN REVIEW APPLICATION

NEW RESUBMITTAL

DATE: _____

| NAME OF PROJECT | | STATE PROJECT |
|------------------------------|-------------------|--|
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| ADDRESS OF PROJECT | | |
| | | |
| CITY OF PROJECT | COUNTY OF PROJECT | |
| | | |
| FIRE DEPARTMENT JURISDICTION | | |
| | | |

OWNER'S INFORMATION

| OWNER'S NAME | | |
|-----------------|-------|-----|
| | | |
| OWNER'S ADDRESS | | |
| | | |
| CITY | STATE | ZIP |
| | | |

DESIGN CONTRACTOR

| CONTRACTOR'S NAME | | |
|----------------------|--------------|-------|
| | | |
| CONTRACTOR'S ADDRESS | | |
| | | |
| CITY | STATE | ZIP |
| | | |
| CONTACT NAME | PHONE NUMBER | EMAIL |
| | | |

INSTALLATION CONTRACTOR

| | | |
|-----------------------------|--------------|------------|
| CONTRACTOR'S NAME | | |
| | | |
| CONTRACTOR'S ADDRESS | | |
| | | |
| CITY | STATE | ZIP |
| | | |

Shop drawings for hood systems are intended to provide basic information consistent with the objective of installing a fully operational, code compliant clean agent system and to provide the basis for the required record (as- built) drawings.

APPROVAL OF SHOP DRAWINGS IS NOT INTENDED TO IMPLY WAIVER OR MODIFICATION OF ANY REQUIREMENTS OF THE STATE LAWS OR RULES, THE INTERNATIONAL FIRE CODE, THE NFPA 2001 STANDARD OR ANY OTHER APPLICABLE CRITERIA.

ANY CHANGES, MODIFICATIONS, ADDENDUMS, AND/OR SUPPLEMENTAL INSTRUCTIONS TO THE APPROVED SET OF PLANS AFTER THE DATE OF APPROVAL WILL REQUIRE RESUBMITTAL AND APPROVAL THROUGH THE STATE FIRE MARSHAL'S OFFICE.

NFPA 96

Drawings shall be drawn to an indicated scale or shall be suitably dimensioned and shall be reproducible to show compliance with this standard including the following:

- (1) Size and material of the hood(s)
- (2) Number, type, size, and position of appliances served.
- (3) Size and material of the duct(s)
- (4) Fan(s) type, size, mounting arrangement, and electrical specifications.
- (5) Type, size, and location of auxiliary equipment, if used
- (6) Provision for make-up air.
- (7) Airflow calculations
- (8) Locations and sizes of access openings
- (9) Method(s) for assuring liquid tight construction.
- (10) Type and quantity of materials for supporting the hood(s), ducts, and auxiliary equipment
- (11) Size, material, and fire resistance rating of duct enclosures, if any
- (12) Clearance to combustible and limited combustibles materials
- (13) Clearance reduction methods, if used
- (14) Listed components and equipment, if used
- (15) Electrical schematics
- (16) Operating and maintenance instructions for components and equipment
- (17) Type and arrangement of the extinguishing system(s), including the hood(s), exhaust duct(s), and appliances, along with the interface of the fire-extinguishing system detectors, piping, nozzles, fuel and electric power shutoff devices, agent storage container(s), and manual actuation device(s).