

RANGEHOOD SYSTEMS 12/2/08



The NYC Fire Department regulates all businesses, individuals and/or organizations involved in Commercial Cooking. This regulation applies to Restaurants, Cafeterias, and similar type establishments. This is a general summary of some of the regulations and requirements. It provides basic information for establishments involved in Commercial Cooking. For more information, you should consult the NYC Administrative Code, Rules of the City of New York, National Fire Protection Association Standards, and other source information. This information is based upon the July 1, 2008. It will be updated in the near future.

RANGEHOOD SYSTEMS - COMMERCIAL COOKING

When is a Rangehood System Required?

The New York City Building Code requires that commercial cooking equipment used in processes producing smoke or grease-laden vapors and fumes such as from ranges, deep fat fryers, grills, broilers, candy kettles, cruller furnaces, and ovens must be equipped with an independent exhaust system provided with the following:

- **A hood.** (If you wish to learn more information, consult Chapter 2 of NFPA 96-1984, "Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment", as modified by Reference Standard RS 13-3 of the New York City Building Code.)
- **A duct system.** (If you wish to learn more information, consult Chapter 3 of NFPA 96-1984, "Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment", as modified by Reference Standard RS 13-3 of the New York City Building Code.)

- **Grease removal devices.** (If you wish to learn more information, consult Chapter 4 of NFPA 96-1984, "Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment", as modified by Reference Standard RS 13-3 of the New York City Building Code.)
- **Fire Extinguishing System.** (If you wish to learn more information, consult Chapter 7 of NFPA 96-1984, "Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment", as modified by Reference Standard RS 13-3 of the New York City Building Code.)

What approvals for new installations are required from the Fire Department?

A New York State **Licensed Professional Engineer** or **Registered Architect** should be retained to furnish complete plans (drawings) of the system installation. (The plans must be **signed and sealed** by the Licensed Professional Engineer or Registered Architect). The plans must include details of the:

- hood(s)
- exhaust duct(s)
- cooking appliances
- fire extinguishing system detectors
- piping
- nozzles
- fuel shut-off devices
- agent storage container(s)
- manual actuation device(s)

The signed and sealed plans must be **filed** with:

- ◆ the NYC **Department of Buildings**
- ◆ the NYC **Fire Department**
Technology Management Range-hood Inspection Group

NOTE: The plans will be reviewed by the FDNY Tech Management Range-hood Inspection Group Plan Examiner to determine whether they comply with all requirements.

You must retain a **Licensed Master Fire Suppression Piping Contractor** to

- ◆ install the range-hood fire extinguishing system
- ◆ conduct a performance test of the installed system in the presence of a Fire Department Range-hood Inspector
- ◆ service the system

Most [Licensed Master Fire Suppression Piping Contractors](#) can provide "turnkey" service; this means that the Contractor can arrange to:

- have a Licensed Professional Engineer or Registered Architect prepare, sign and seal the plans for the range-hood extinguishing system
- file the plans
- install the system
- arrange for testing of the system
- service the system

NOTE: Only a [Licensed Master Fire Suppression Piping Contractor](#) is **authorized to install, test, and service range-hood fire extinguishing systems**. This License is issued by the **New York City Department of Buildings**. You may obtain additional information regarding Licensing Programs at the WWW.NYC.GOV/DOB. [Licensed Master Fire Suppression Piping Contractors](#) are authorized to install, test, and service *particular* systems (that is, systems made by specific manufacturers); it is important to check that the contractor is licensed and authorized to perform work on the particular system being installed, tested, or serviced.

For your convenience, we are providing a list of Licensed Master Fire Suppression Piping Contractors. The list is updated on a monthly basis.

After the plans have been filed, reviewed, and approved, the [Licensed Master Fire Suppression Piping Contractor](#) will request a **test appointment** from the **Fire Department** (Technology Management **Range-hood Inspection Group**). The fee for this Fire Department test is **\$285.00 (per system)**.

Once the test has been found to be satisfactory, a **Fire Department Approval Letter** will be issued and the system remote manual pull station tagged. The Fire Department tag must remain on the pull station for inspection by members of the Fire Department.

How often are FDNY inspections performed after a range-hood fire extinguishing system is approved?

The operation of commercial cooking equipment requires a **Fire Department permit** that requires an annual inspection. If the inspection meets the legal requirements, a new permit is issued. The fee for this annual inspection is \$70.00 per system. The annual inspection is performed to ensure that:

- [the system is properly maintained](#)
- [regular cleaning of the hoods, filters and ducts are conducted](#)
- [semi-annual inspections of the fire extinguishing system are performed by a qualified company](#)

Also, required **portable fire extinguishers** will be checked. Please note that if you receive a Violation Order, reinspections of the Violation Order are billable to the owner at the rate of \$210.00 per hour.

More information regarding Portable Fire Extinguishers is available on this Web Site. By returning to the Bureau of Fire Prevention, you can view approved City Wide Companies.

RANGEHOOD VIOLATION INSTRUCTIONS

If you have received Fire Department Violation Order RH-1, RH-2, or RH-3 regarding the installation and/or legalization of the fire extinguishing system protecting your cooking equipment, you may need to contact one of the Licensed Master Fire Suppression Piping Contractors.

Please note that these Contractors are authorized to install, service, and test PARTICULAR rangehood fire extinguishing systems; some Contractors are not authorized to work on some manufacturers' systems. The list indicates the Contractors' company name, phone numbers, and the particular systems that each Contractor is authorized to install, service, and test.

Carefully read the Violation Order and SUPPLEMENT that you have received. The SUPPLEMENT explains IN DETAIL what actions you need to take to remedy this violation. It is suggested that you fax a copy of the Violation Order and SUPPLEMENT to your Licensed Master Fire Suppression Piping Contractor; you can discuss with your Contractor what your options are.

The current list appears on the page below:

**** NEWYORK CITY FIRE DEPARTMENT ****
Bureau of Fire Prevention

Rangehood Unit

December 2, 2008

The following represents a listing of **”Licensed Master Fire Suppression Piping Contractors”** who are authorized to service, test and install Rangehood Fire Extinguishing Systems. Please note the particular systems for which they are authorized. Contractors shall be factory trained and authorized by the manufacturer of the particular system being installed. Any work performed by an unlicensed/ or unauthorized contractors will not be acceptable to this department and will result in the issuance of a **violation order** and **summons**.

CONTRACTOR	ADDRESS / TELEPHONE	SYSTEMS
Active Fire Control, Inc. Mark Mc Goey License No. 172-A	5-28 47 th Avenue LIC, NY 11101 (718) 729-0450	Pyro Chem/ Amerex Kidde/ Range Guard Ansul
Academy Fire Protection Michael A. Rose License No. 445-C	58-29 Maspeth Ave. Maspeth, NY 11378 (800) 773-4736 – (347) 473-7214	Pyro Chem
Accurate Fire Protection Martine Rankin License No. 743 - A	381 Park Ave. So. New York, NY 10016 (718) 326-3414	Protex only
All Boro Fire & Safety Equip., Inc. Eben A. Nunoo License No. 334-C	2265 Bedford Avenue Brooklyn, NY 11226 (718) 826-2677	Kidde
Allied Fire Control Roy Leonard License No. 814-C	47-25 34th Street L.I.C., N.Y. 11101 (718) 433-3880, X 122	Pyro Chem
Chief Fire Prevention. Frank Mitarotonda License No. 389-C	10 West Broad Street 2nd Floor Mt. Vernon, NY 10552 800-524-9753 Ext. 12	Range Guard Pyro Chem Amerex/ Ansul
Citywide fire Systems Plumbing Engineering Himendu Chaudhuri License No. 842-A	119-19 15 th Avenue College point, NY 11356 (718) 888-0148 (646) 418-9387 Cell Phone	Pyro Chem
Fire Command Co., Inc. Michael Kerr License No. 136-C	131-31 Merrick Blvd. Springfield Gardens, NY 11434 (718) 341-3593	Range Guard / Pyro Chem Ansul/ Kidde, Protex
Fire Foe Systems/ Fire Out Corp. Neil Crowley	53-26 37 th Street LIC. NY 11101	Kidde/ Range Guard Pyro Chem

License No. 157-C	(718) 361-7272	
Firemasters James Meyer License No. 228-C	1621 Mc Donald Avenue Brooklyn, NY 11230 (718) 499-6078 Fax # (718) 499-4411	Kidde / Range Guard Ansul Pyro Chem
Fire Protection Engineers Roland Straten License No. 367-A	423 West 14 th Street, Unit 3F New York, NY 10014 (212) 684-7250	Kidde
Gebhardt, Inc Robert Gebhardt License No. 333-C	53-26 37 th Street LIC. NY 11101 (718) 361-7272	Kidde Amerex
Simplex Grinnell Luis F. Gonzalez License No. 974-C	10-40 44 th Drive LIC, NY 11101 (888) 447-4027	Ansul, Pyro Chem
Ideal Fire Systems, Inc. Piotr Kaczynski License No. 984-C	132 Metropolitan Ave. Brooklyn, NY 11211 (718) 384-1215	Pyro Chem., Range Guard
Jem Fire Prevention, Corp. Jose L. Ruiz License No. 692-A	183-15 91 st Road Jamaica, NY 11423 (718) 454-4145	Pyro Chem Ansul
Lund Fire Products, Co., Inc. Ronald Alexander License No. 112-C	40-33 215 th Street Bayside, NY 11361 (718) 4263-1900	Range Guard / Kidde Pyro Chem / Ansul Amerex
Master Fire Prevention, Inc. Peter Martinez, Jr. License No. 371-A	1776 East Tremont Avenue Bronx, NY 10460 (718) 828-6424	Kidde / Pyro Chem Range Guard / Ansul
Mega Fire Protection, Inc. Ideal Fire Control, Inc. Anthony Gurball License No. 707-C	35-28 41 st Street LIC, NY 11101 (718) 706-6342	Pyro Chem, Range Guard Amerex
Nova Fire Control Steve Chon License No. 556-A	163-32 Northern Blvd. Queens, NY 11358 (718) 886-8781	Pyro Chem
NY Business Fire Systems, Inc. Charles Zhou License No. 504-C	40-50 192 nd Street Flushing, NY 11358 (718) 888-2999 / 2992	Pyro Chem
Reliable Fire Protection, Inc. Douglas Coger License No. 151-C	349 Essex Road Tinton Falls, NJ 07753 (800) 368-0024 - (732) 607-1500	Ansul/ Range Guard Pyro Chem / Amerex
Safety Consultants, Inc. Robert Schubert	1590 Locust Avenue Bohemia, NY 11716 (631) 242-1188	Ansul

License No. 068-C		
Sentinel Fire Control, Inc. Henry Sala License No. 230-C	9034 Tonnelle Avenue North Bergen, NJ 07047 (212) 594-0590	Ansul / Range Guard Kidde
Sirina Fire Protection Anthony Florez License No. 193-A	557 W 45 th Street New York, NY 10036 (516) 942-0400	Ansul
Tri-County Neil Metz License No. 310-A	436 A Beach 129 th Street Belle Harbor, NY 11694 (516) 569-0030	Kidde / Amerex
United Fire & Safety, Inc. All Safe Fire & Safety George Ulley License No. 421-C	519 W. 27 th Street New York, NY 10001 (914) 968-4459	Pyro Chem
William Hird & Co., Inc. Thomas W. Bury License No. 828-C	255 40 th Street Brooklyn, NY 11232 (718)499-4881	Amerex / Ansul Pyro Chem/ Range Guard
Elite Action Fire Extinguisher Equip. Action Fire Service Co., Inc. Vincent Saltarelli License No. 418-C	338 Moffet Street Brooklyn, NY 11237 (800) 834-3022	Range Guard / Pyro Chem
Unique Fire Systems Khan Muntaz License No. 978-C	178-16 93 Ave. Jamaica Ave. (718) 526-6363 & (718) 526-6204	Protex - <u>Only</u>

Note: This list is subject to change as contractor's become licensed by the NYC Department of Buildings and authorized by the manufacturer for their specific fire extinguishing system. Persons requiring additional information should contact the Rangehood Unit at:

Deputy Chief Inspector David Franco (718) 999-2499

Deputy Chief Inspector Charles Holzinger (718) 999-2501

**** NEWYORK CITY FIRE DEPARTMENT ****
Bureau of Fire Prevention

**Rangehood Unit:
December 2, 2008**

LA SIGUIENTE LISTA REPRESENTA LAS COMPANIAS CON LICENCIA QUE ESTAN AUTORIZADA PARA SERVIR, INSTALAR Y EXAMINAR LOS SISTEMA DE EXTINGUIDORES DE FUEGO,"RANGEOOD". FAVOR TOMAR EN CUENTA EL PARTICULAR SYSTEMA POR CUAL DICHA COMPANIA ESTA AUTORIZADA.

CONTRATISTA DEBEN SER ENTRENADO Y AUTORIZADO POR LA COMPANIA MANUFACTURERA DEL PARTICULAR SISTEMA SIENDO INSTALADO.

CUALQUIEL TRABAJO HECHO POR UN CONTRATISTA NO "AUTORIZADO" Y SIN "LICENCIA" NO SERA ACEPTADO POR ESTE DEPARTAMENTO Y SERAN DADO VIOLACIONES Y SOMOS.

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Unique Fire Systems Khan Muntaz License No. 978-C	178-16 93 Ave. Jamaica Ave. (718) 526-6363 & (718) 526-6204	Protex - Only

Note: ESTA LISTA ESTA SUJETA A CAMBIOS SEGUN LOS CONTRATISTA SEAN DADOS LICENCIAS POR EL DEPARTAMENTO DE EDIFICIOS DE LA CIUDAD DE NY Y AUTORIZADO POR COMPANIA MANUFACTURERA DE ESPECIFICO SYSTEMA DE EXTINGUIDOR. PERSONAS NECESITANDO INFORMACION ADICIONAL POR FAVOR LLAMAR A LA UNIDAD RANGEHOOD A LOS NUMEROS SIGUIENTES:

Deputy Chief Inspector David Franco (718) 999-2499

Deputy Chief Inspector Charles Holzinger

(718) 999-2501

