

VI. FMO Permit Regulations and Forms

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Blasting & Explosives Operations

06.01

NC Fire Code (NCIFC)

All Blasting Operations in North Carolina shall be conducted in accordance with Chapter 33 of the North Carolina Fire Code, 2006 Edition. Companies conducting blasting operations in the City of Concord shall obtain a permit prior to conducting blasting from the Fire Marshal's Office (FMO).

Concord FMO Permit Requirements

A completed Permit application shall be filled out and submitted by the company of record contracted to conduct blasting.

A copy of proof of liability insurance certificate is required to be submitted along with the permit application. A minimum one (1) million dollar liability Insurance rider shall be obtained.

Seismographs shall be used during operations. All shots shall be recorded for documentation.

A site map indicating blasting area with locations of exposures (buildings, vehicles, topography, etc...) and seismograph equipment shall be submitted with the permit application.

A record of all blasting activities shall be kept on file by the blasting company for a minimum of 5-years after operations are completed.

Name and qualifications of person in-charge of conducting blasting shall be included with the application. The minimum requirements are as follows:

1. 21 years of age minimum for the person in charge of blasting operations,
2. No one under 18 permitted to be work on blasting site.
3. Persons 18 years of age to 21 years of age shall be under direct supervision of the person in-charge.
4. All personnel shall be trained in accordance with NFPA 495.
5. A resume' or other form of documentation shall be submitted detailing the training and experience of the person in charge.

Blasting Site Regulations

Explosive or blasting supplies shall not be transported with other type of cargo.

All blasting operations shall be conducted during daylight hours.

Blasting being conducted in the vicinity of utility lines or rights-of-way, the blaster shall notify the appropriate representatives of the utilities at least 24 hours in advance of the blasting location and intended time of operation. Verbal notices shall be confirmed with written notice.

No smoking permitted anywhere on site, within 50' of a storage magazine or vehicle or while explosives are being handled and loaded for blasting.

Explosives not being used shall be properly secured and stored in a marked, approved container, storage magazine, daybox or approved vehicle.

Blasting Site Regulations (Continued)

Detonators and explosives shall be stored in separate storage areas. Distances shall be determined by the Fire Code and Fire Official.

Proper precautions shall be taken when blasting occurs in the vicinity of structures, highways, railways congested areas, etc.

Proper blasting mats or other approved means shall be used to control fly rock. Precautions shall also be taken to minimize vibration and air blast effects.

No activity other than that required for loading explosives shall be permitted in the blast area.

Blasting Site Regulations

Precautions shall be taken to prevent accidental discharge of electric detonators from currents induced by radar and radio transmitters, lightning, adjacent power lines, dust and snow storms, or other sources of extraneous electricity.

Warning signs against the use of mobile radio transmitters shall be posted on all roads within 1000 feet of blasting operations where electric detonators are being used.

Precautions shall be taken to prevent accidental initiation of non-electric detonators from stray currents induced by lightning or static electricity.

Blasting operations shall be performed in accordance with the instructions of the manufacturer of the explosive materials being used.

Holes drilled for the loading of explosives shall be made in accordance with NFPA 495.

After loading for a blast is completed and before firing, excess explosive materials shall be removed from the area and returned to the proper storage facilities. Once loaded, no loaded holes shall be left unattended.

During the time that holes are being loaded or are loaded with explosive materials, blasting agents or detonators, only authorized persons engaged in drilling and loading operations or otherwise authorized to enter the site shall be allowed at the blast site.

The blast site shall be guarded or barricaded and posted. Blast site security shall be maintained until after the post-blast inspection has been completed.

The initiation of blasts shall be by means conforming to the provisions of NFPA 495.

The person in charge shall supervise the connecting of the blast holes and the connection of the loadline to the power source or initiation point. Connections shall be made progressively from the blasthole back to the initiation point.

Blasting lead lines shall remain shunted (shorted) and shall not be connected to the blasting machine or other source of current until the blast is to be fired.

No blast shall be fired until the person in charge has made certain that all surplus explosive materials are in a safe place.

All persons and equipment shall withdraw to a safe distance or under sufficient protective cover.

An adequate warning signal shall be given prior to a blast being shot. The warning signal shall be distinguishable from all sounds and signals being used on the blasting site. All contractors conducting work on the site shall be notified and trained as to what safety procedures they and their employees are to do in the event of hearing the blasting signal.

Post Blast Procedures

After the blast, the following procedures shall be observed:

1. No person shall return to the blast area until allowed to do so by the person in charge.
2. The blaster shall allow sufficient time for smoke and fumes to dissipate and for dust to settle before returning to or approaching the blast area.
3. The blaster shall inspect the entire blast site for misfires before allowing other personnel to return to the blast area.

An all-clear signal (a prolonged blast) shall be given following the inspection of the blast area.

Empty boxes, paper, cardboard or other containers bearing explosive identification, labels or wiring shall be properly disposed of after use. All shock tubing, electrical detonator or other firing train devices shall be removed and properly disposed of.

Misfires

Where a misfire is suspected, all initiating circuits shall be traced and a search made for unexploded charges.

When a misfire is found, the blaster shall provide proper safeguards for excluding all personnel from the blast area.

Misfires shall be reported to the person in charge immediately and properly documented.

Misfires shall be handled under the direction of the person in charge of the blasting operation in accordance with NFPA 495, OSHA and other recognized standards.

Loss, Theft or Unauthorized Removal

The loss, theft or unauthorized removal of explosive materials from a magazine or permitted facility shall be reported to the fire code official, local law enforcement authorities, and the U.S. Department of Treasury, Bureau of Alcohol, Tobacco and Firearms within 24 hours.

Accidents & Safety

Accidents involving the use of explosives, explosive materials and fireworks, which result in injuries or property damage, shall be reported to the fire code official immediately.

911 should be dialled immediately to report any injuries, damage or fires resulting from accidents.

A site safety plan shall be developed and posted at all times during blasting operations.

Any explosive materials judged or determined to be unsafe shall be immediately removed to a safe location, isolated and properly disposed.

Hazard Communication

Manufacturers of explosive materials and fireworks shall maintain records of chemicals, chemical compounds and mixtures required by DOL 29 CFR, Part 19 10.1200, and Section 407.

All packages, containers and storage containers shall be properly marked and identified at all times.

MSDS of all explosive materials shall be maintained on site at all times.

Additional Information

The Fire Official may seize, take, remove, or cause to be removed at the expense of the owner all explosive materials offered or exposed for sale, stored, possessed, used or transported in violation of Chapter 33 of the North Carolina Fire Code.

To purchase a copy on NFPA 495 or any other NFPA product, reference or standard go to www.NFPA.org

To purchase a copy of the North Carolina Fire Code go to www.iccsafe.org
Specify when ordering you want the NC Codes.

Aboveground and Belowground Tank Submittal Requirements (Including Generator Base and Day Tanks)

06.02

Plan review and inspections are conducted through the Fire Marshal's Office of the Concord Department of Fire & Life Safety. The Plan Reviewers office is located at the City Hall Annex Building, 66 Union Street South, Concord, NC, 28025.

All submittals must include a Certificate of Compliance (COC) Application from the Concord Department of Fire & Life Safety. A copy of the application can be obtained by contacting the Fire Marshal's Office at 704-920-5517. Submittals for New and Up-fit Construction shall be made in accordance with the City of Concord Developmental Services Policies and Guidelines.

Submittals shall include at least one (1) complete set of documents with the designer indicated and the date of design. All plans must be sealed by a North Carolina registered Professional Engineer (PE) or other approved design certification or show equivalent training and experience. At the discretion of the Fire Official, the PE seal requirement may be waived for simplistic systems of 300 gallons capacity or less.

Parties desiring a signed set of documents with comments approved by the Fire Department shall submit a least two (2) sets of documents at the time of submittal along with a full-size, self-stamped addressed envelope. The second set of plans will be stamped "Approved" and returned to the applicant. A complete set of documents including comments shall be available on-site at all times during installation.

All tanks shall be designed and installed in accordance with the applicable chapters of the North Carolina Fire Prevention Code, NFPA Standards, American Petroleum Institute (API) and all other referenced standards. Plan submittal shall include the following:

1. Specifications detailing the design and construction of the tank (including the materials to be used in the exterior and interior construction of the tank).
2. The UL Listing of the tank and dispenser.
3. The hazard class, quantities and types of materials to be stored.
4. The operating pressure of the tank.
5. The normal and emergency venting methods of the tank (including vent piping materials and locations).
6. Tank gauging and leak detection devices utilized.
7. Fill connection location(s) and tank vehicle access routes.
8. Overfill prevention system design and operation.
9. If installed, design and methods used to manifold tanks.
10. The design of above ground tank supports (documentation shall include the seismic design of tank supports).
11. Below ground tank anchoring methods utilized (including bedding materials to be used).
12. If a tank vault is installed, construction and design documents for the installation of the vault.

13. The method of dispensing of liquids must be indicated including specifications for nozzles and/or other devices.
14. Specifications for all emergency shut-off control devices and their intended locations.
15. The distances from other tanks, dispensers, property lines, and buildings.
16. All vehicle collision barriers (including design, type and number).
17. All fire protection appliances and associated equipment (including the location, type, and size of all portable fire extinguishers).
18. If required, secondary containment provisions and equipment.
19. If applicable, vapor recovery design and operation.
20. Specifications of all signs to be used (including emergency directions and normal operating instructions).

(Additional information may be required prior to approval of the submitted plans. The above requested information is not all-inclusive.)

Plans approved by the Concord Department of Fire & Life Safety give permission for installation. Installation shall not begin without a permit. Final approvals are subject to field inspections. Any approval issued by the Fire Marshal's Office does not release the contractor or property owner from the responsibility of full compliance with applicable codes.

All installations shall be in accordance with the approved plans. Any deviations from the plans should be discussed with the Plan Reviewer for your project prior to making changes. Some changes *may* require a re-submittal to the Fire Marshal's Office for re-approval.

All tanks, associated appliances and devices shall be tested in accordance with all applicable standards prior to being placed into service. Any tanks, associated appliances or devices failing to pass final testing shall be repaired/replaced and retested prior to being placed into service.

For additional information please contact the Fire Marshal's Office at (704) 920-5517.

Occupancy Use Change - Building & Fire Code Requirements

06.03

All buildings will be up-fitted to meet all volumes of the current North Carolina Building Code. All buildings shall be up-fitted to meet the fire alarm requirements as referenced by the Building and/or Fire Code.

Up-fit Plans shall be submitted and a Building Permit obtained prior to any occupancy and/or work being commenced on the building. All required inspections of the Building Code shall be performed and a Certificate of Compliance (City) and a Certificate of Occupancy (County) be obtained prior to the building being occupied.

Some highlights of the requirements of the current code are as follows:

1. The existing Fire Alarm system shall be upgraded to meet NFPA 72;
2. Pull Stations shall be located at each marked exit door (Exception: Pull Stations are not required if the building is fully sprinkled.);
3. Combination Horn/ Strobe signaling devices shall be placed throughout the entire building. The required number depends on the building layout and occupants ability to hear the fire alarm. Strobe only devices are permitted where ambient noise levels make it impossible to hear the fire alarm or in bathroom facilities;
4. Smoke detectors shall be installed in the elevator lobby and at the alarm panel;
5. The initiation of the fire alarm shall distinguish what device (detector, pull station or sprinkler system) has been activated on the alarm panel;
6. The fire alarm system shall be supervised and monitored in accordance with the Building Code;
7. A Knox Box shall be installed on each building with keys that access all parts of the building;
8. Fire extinguishers are required to be installed in all buildings, the appropriate type and number required will depend upon the use of the building;
9. The appropriate number of emergency exits and rated emergency exit corridors shall be installed as required by the Building Code;
10. Emergency lighting fixtures shall be installed in all buildings as required by the Fire Code;
11. The appropriate type and number of self illuminated emergency exit signs shall be installed in all buildings as required by the Building Code;
12. Prior to any occupancy the City of Concord shall be notified. From this notification the appropriate Planning, Zoning and Building requirements will be dictated;
13. A Building Permit will be applied for and plans will be submitted prior to any construction-taking place inside of a building;
14. If a building is to be used for storage, the commodity classification of the materials to be stored shall be determined prior to the issuance of the Building Permit;
15. Based on the commodity classification the existing sprinkler may have to be up-fitted to meet the appropriate sprinkler density required by the code;
16. If installed, sprinkler system protection shall be extended to the spray booths, ovens or any other areas inhibiting the ability of the existing system to operate as designed;.

17. If installed, spray booth operation shall be integrated with the Fire alarm system;
18. All occupancy separation shall be as per required by the Building Code;
19. The Buildings electrical system shall be up-fitted to meet the Electrical Code;
20. If installed, any HVAC systems shall be installed to meet the Mechanical and Gas Code;
21. If installed, any plumbing piping, fixtures and sewer piping shall be installed to meet the Plumbing Code.

The omission of any code requirement not listed in the above items does not excuse the requirement.

Introduction

Maintaining a safe environment from the threat of fire or injury for all occupants of the City of Concord is a primary function and goal of the Fire Marshal's Office. Gatherings of large numbers of people present at a Bonfire presents a difficult problem in trying to meet the provisions of the Fire Code and maintain such a safe environment. The following provisions will be required to be met to assure the safety of all persons participating and attending a Bonfire.

Permit Required

A Special Use Permit shall be required to be obtained from the Fire Marshal's Office for anyone wishing to conduct a Bonfire. The permit fee shall be based upon the Special Use Permit Fee Schedule. This permit shall be completed on a Special Use Permit form.

Permit Issuance Procedure

1. The person wishing to obtain a Special Use Permit for the Bonfire shall first contact the Fire Marshal's Office. An appointment for a Fire Inspection shall be made to inspect the lot or area planned to be used for the Bonfire. The Permit Fee shall be paid at this time.
2. A copy of the permitting guidelines for the conduction of a Bonfire will be given to the applicant. The Fire Inspection should not be conducted until the requirements for the Bonfire are in place and the lot or area is ready for use.
3. The inspector upon completion of the fire inspection and satisfied that all guidelines and provisions of the Fire Code have been met shall then sign and complete the Special Use Permit and give the pink copy to the applicant, which must be kept at the facility at all times. The inspector will then return the white and yellow copies to the Fire Marshal's Office for filing.

Inspection and Revocation of Permit

1. At any time while the Bonfire is occurring, a fire inspection may be conducted by a Fire Official to assure compliance with all guidelines and the Fire Code.
2. In the event that the specified guidelines and/or the Fire Code regulations are not being met, then the person that obtained the Special Use Permit will be subject to a Civil Citation. If the violations are of such a severe nature as to be hazardous to the lives and/or well being of the public, then the Fire Official may revoke the Special Use Permit, which will not allow the continued "Special Assembly". If the violations are corrected, then the Special Use Permit may be reinstated with no charge.

In the event a Special Use Permit is revoked and the occupant refuses to comply with the required regulations, a refund of the permit fee will not be allowed.

Bonfire Special Use Permit Requirements

1. No person shall kindle any bonfire or outdoor fire or authorize any such fire to be kindled or maintained without a permit or other proper authorization.
2. No permit shall be issued for the burning of refuse or trash that is in violation of any federal, state or local Air Quality Open Burning Regulations.
3. All fires are to be located 50 feet from any structure.
4. Any fire contained in an approved waste burner shall be safely located at least 15 feet from a structure.
5. Provisions shall be provided to prevent any fire from spreading (fire extinguisher, garden hose, etc.)
6. All fires are to be attended by a competent person until the fire is extinguished.
7. The Bureau Chief of Fire Prevention may prohibit any and all bonfires and other outdoor fires when atmospheric conditions or local circumstances make such fires hazardous.
8. A written Emergency Plan shall be submitted at the time of application. The plan shall include the following items:
 - a. A diagram of the area that burning will take place. The diagram shall include the location where the bonfire will take place and measurements from the nearest structure(s);
 - b. The name and telephone number of a competent person in-charge;
 - c. The times the bonfire will take place (beginning to end);
 - d. The types of material to be burned;
 - e. The procedures taken for fire protection;
 - f. The emergency signal for notification of the attendees of an emergency;
 - g. A working telephone shall be in the area at all times while the burning is conducted.
9. Prior to the issuance of permit, the Bureau Chief of Fire Prevention shall conduct a site inspection. Upon his/her approval the permit shall be issued. If the site does not meet his/her approval the request shall be denied.

Introduction

Maintaining a safe environment from the threat of fire or injury for all occupants of the City of Concord is a primary goal of the fire department. Proper planning before an emergency and timely execution of an emergency operations plan during an emergency is foremost in saving lives and protecting property.

Plan Required

Section 404 of the North Carolina Fire Prevention Code requires the development and maintenance of Fire Prevention/Emergency Evacuation Plans in Assembly, Educational, Hazardous, High-rise, Mercantile, Institutional, Residential, and Shopping Malls.

Plan Content

In order to better assist your business in the preparation of a Fire Prevention/Evacuation planning the Department of Fire and Life Safety has put together the following guidelines.

Fire Prevention/Evacuation plans shall include the following:

1. A list of major fire hazards associated with the normal use and occupancy of the premises, including maintenance and housekeeping procedures.
2. Identification and assignment of personnel responsible for maintenance of systems and equipment installed to prevent or control fires.
3. Identification and assignment of personnel responsible for maintenance, housekeeping and controlling fuel hazard sources.
4. The preferred and any alternative means of notifying occupants of a fire or emergency.
 - A. Primary and secondary means shall be dictated.
 - i. Fire alarm, word of mouth, air horn, bell or other means.
5. The preferred and any alternative means of reporting fires and other emergencies to the fire department or designated emergency response organization.
 - A. The procedure for reporting a fire or other emergency shall be dictated.
 - B. The preferred and secondary method of alerting occupants of a fire or other emergency: Fire alarm activation, telephone, cell phone, etc...
6. Identification and assignment of personnel who can be contacted for further information or explanation of duties under the plan.
 - A. A fire department liaison shall be dictated in the plan.
 - i. The roles and responsibilities for this person shall be listed in the plan.

7. In an emergency, what egress or escape routes are to be used and whether evacuation of the building is to be complete or, where approved, by selected floors or areas only.
 - A. A written floor plan with directional arrows showing primary and secondary routes of escape (Color Coded).
 - i. Floor plans shall identify the following locations:
 1. Exits.
 2. Primary evacuation routes.
 3. Secondary evacuation routes.
 4. Accessible egress routes.
 5. Areas of refuge.
 6. Manual fire alarm boxes.
 7. Portable fire extinguishers.
 8. Occupant-use hose stations.
 9. Fire alarm annunciators and controls.
 - B. A written plan outlining responsibilities of supervisors, employees and/or other occupants of the building.
 - ii. This plan should have key elements such as;
 1. Who, what, when and how to insure physically or mentally challenged individuals have been properly evacuated from the facility.
 2. Individual roles of personnel should be written. The roles will dictate a "Play Book" approach to executing the safety plan.
 3. Other items that should be indicated on the plan:
 - A. The occupancy assembly point.
 - B. The locations of fire hydrants.
 - C. The normal routes of fire department vehicle access.
8. Procedures for employees who must remain to operate critical equipment before evacuating.
 - A. Specific names of employees or supervisors should be listed with these responsibilities.
 - i. The plan shall dictate where these employees are to report for accountability once operations have been shut down.
9. Procedures for accounting for employees and occupants after evacuation has been completed.
 - A. The plan shall also state who is responsible for ensuring all employees and/or guest, patrons, spectators, occupants have been evacuated and properly accounted for.
 - i. The plan shall also give methods for determining the "Last Known" whereabouts for those people unaccounted for.
10. Identification and assignment of personnel responsible for rescue or emergency medical aid.
 - A. Personnel with these responsibilities shall be properly trained and be able to interact with fire/rescue personnel.
 - B. Any and all available patient history shall be available to FD personnel.
 - i. Communicable disease and medical history.
 - ii. Material Safety Data Sheets (MSDS required by "Right-to-Know").

11. A description of the emergency voice/alarm communication system alert tone and preprogrammed voice messages, where provided.

Training and Response Procedures

Employees in occupancies required to have plans shall receive training in the fire emergency procedures described in their fire prevention/emergency evacuation plan and their duties as a part of their initial orientation training and at least annually thereafter.

Specific Training areas covered during employee training programs shall meet the following criteria from Chapter 4 of the North Carolina Fire Prevention Code:

406.3.1 Fire prevention training.

Employees shall be apprised of the fire hazards of the materials and processes to which they are exposed. Each employee shall be instructed in the proper procedures for preventing fires in the conduct of their assigned duties.

406.3.2 Evacuation training.

Employees shall be familiarized with the fire alarm and evacuation signals, their assigned duties in the event of an alarm or emergency, evacuation routes, areas of refuge, exterior assembly areas, and procedures for evacuation.

406.3.3 Fire safety training.

Employees assigned fire-fighting duties shall be trained to know the locations and proper use of portable fire extinguishers or other manual fire-fighting equipment and the protective clothing or equipment required for its safe and proper use.

- Assigned = If employees are expected to perform fire-fighting duties, then they are required to be properly trained in the use of fire extinguishers.
 - This particular statement made by the Code does not require that employees in all occupancies be trained in the use of fire extinguishers. It requires that IF the occupancies fire prevention/emergency evacuation plan requires that employees engage in fire-fighting operations, they shall be trained in the use of fire extinguishers.

Please give the Fire Marshal's Office a call if you have any further questions or need further information concerning Fire Prevention – Emergency Evacuation Plans.

Fireworks and Pyrotechnics

06.06

ALL PROVISIONS OF THE 2002 NORTH CAROLINA FIRE CODE, CHAPTER 33, NORTH CAROLINA GS 14-414 AND NFPA 1123, 1124 & 1126 SHALL BE MET AND ADHERED TO AT ALL TIMES.

GENERAL

1. Submit a Permit Application at least 30 days in advance of the pyrotechnic display. A permit shall be required for the storage, display and use of any fireworks.
2. Proper identification and licenses shall be displayed to the Fire Marshal's Office prior to the issuance of a permit. The Lead Pyrotechnic Operator shall have a "shooters certified" certificate from the Pyrotechnics Guild International (PGI) or show equivalent training and experience. All non-PGI certifications shall be reviewed for approval by the Fire Prevention Division. A Resume is required for Lead pyrotechnicians. An approved Shooter/Operator shall be designated as the responsible party and shall be required to be on site at all times.
3. A \$150.00 (per site/event) permit fee is required to be submitted with permit application to the Concord Fire & Life Safety Fire Marshal's Office made payable to the City of Concord.
4. A bond or certificate of insurance shall be furnished for the amount deemed adequate as determined by the Bureau Chief. The minimum liability required by the City is one million dollars (must be claims occurred general liability coverage.) "The City of Concord, NC, and its employees are named as additional insured" shall be specifically indicated on the certificate. An original certificate of insurance with the **original penned signature** of the agent writing the certificate is required (Stamped signatures are not accepted).
5. A Site map of the fireworks display is to be included which details the firing site and device layout, the locations of spectators, the firing site, the fallout perimeter, and fireworks storage area.
6. A complete list of all pyrotechnic devices to be displayed. Displays before a proximate audience require the submittal of device and effect descriptions. A Site Safety Plan including emergency procedures, PPE utilized by personnel, evacuation/help needed signal and any other pertinent information shall be submitted at the time of permit issuance.
7. The company performing the launching operations shall be responsible for any and all damages that may result from the operations.
8. Any fireworks those remain unfired after the display shall be immediately disposed of in away safe for the particular type of fireworks remaining.

1. The Bureau Chief shall seize, take, remove or cause to be remove at the expense of the owner all stocks of fireworks offered or exposed for sale, stored, or held in violation of Chapter 33 of the North Carolina Fire Prevention Code or General Statute 14-414.
2. The fire official shall have the final decision as to the fallout area and safety perimeter. The decision to conduct or postpone the show shall be at the discretion of the Fire Official.

Call (704) 920-5517, email abernatc@ci.concord.nc.us, of fax (704) 782-3488 with questions regarding these regulations.

INDOOR REQUIREMENTS

1. A permit shall be required for the firing of any fireworks inside of a building or structure.
2. No permit shall be transferred to another structure. If the show is moved to another location a new permit shall be issued.
3. No permit shall be issued until the Bureau Chief or his designee prior to the first show approves the show setup.
4. No permit shall be issued unless the building listed as the location of the display has had a current fire inspection and is in compliance with the North Carolina Fire Prevention Code.
5. The location of the fireworks display shall be specified as to street address, building designation and exact area within the building to assure the proposed display can be safely discharged as approved.
6. At no time shall the amount of explosive compound inside the building listed on the permit exceed the amount necessary for one show date consumption.

SALES OF FIREWORKS INDOOR/OUTDOOR (PROHIBITED)

06.07

Local Ordinance (Section 34-2) Fireworks.

1. It shall be unlawful for any person to possess, store, offer for sale or sell at retail, any kind or type of fireworks of any description within the corporate limits of the city.
2. It shall be unlawful for any person to discharge in any manner any kind or type of fireworks of any description within the corporate limits of the city, except this subsection shall not apply to a public display of fireworks as permitted by the state fire prevention code.
3. Fireworks of any kind found within the city limits are hereby declared to be contraband and subject to seizure by any member of the Fire Marshal's Office of the fire department or a law enforcement officer unless possessed by a permittee for a public display of fireworks as permitted by the state fire prevention code.
4. Any person who shall violate the provisions of subsections (a) or (b) of this section shall be guilty of a misdemeanor and shall be punishable by imprisonment up to 30 days or a fine of \$500.00, or both. Violators may be subject to a \$500.00 civil penalty to be recovered in the nature of a debt.

THE AUTHORITY HAVING JURISDICTION MAY REQUIRE STANDBY FIREMEN OR EQUIPMENT DURING ANY OR ALL OF THE ABOVE FUNCTIONS. ALL REQUIRED FEES SHALL BE PAID PRIOR TO THE COMMENCEMENT OF THE FUNCTIONS.

Introduction

Maintaining a safe environment from the threat of fire for all occupants of the City of Concord is a primary function and goal of the Fire Marshal's Office. "Halloween Haunted Houses" present a difficult problem in trying to meet the provisions of the Fire Code and maintain such a safe environment. The following provisions will be required to be met to assure the safety of all persons participating and attending "Halloween Haunted Houses."

Permit Required

A Special Use Permit shall be required to be obtained from the Fire Marshal's Office for anyone wishing to open a "Halloween Haunted House" to the public. The permit fee shall be based upon the Special Use Permit Fee Schedule. This permit shall be completed on a Special Use Permit form.

Permit Issuance Procedure

1. The person wishing to obtain a Special Use Permit for the "Haunted House" shall first contact the Fire Marshal's Office. An appointment for a Fire Inspection shall be made to inspect the building planned to be used as a "Haunted House." The Permit Fee should be paid at this time.
2. A copy of the guidelines for use of Haunted Houses will be given to the applicant. The Fire Inspection should not be conducted until the requirements for safety systems of the building are in place and the facility is ready for use.
3. The inspector upon completion of the fire inspection and satisfied that all guidelines and provisions of the Fire Code have been met shall then sign and complete the Special Use Permit and give the pink copy to the applicant, which must be kept at the facility at all times. The inspector will then return the white and yellow copies to Fire Marshal's Office for filing.

Inspection and Revocation of Permit

1. At any time the "Haunted House" is open to the public, a fire inspection may be conducted by a Fire Official to assure compliance with all guidelines and the Fire Code.
2. In the event that the specified guidelines and/or the Fire Code regulations are not being met, then the person that obtained the Special Use Permit will be subject to a Civil Citation. If the violations are of such a severe nature as to be hazardous to the lives and/or well being of the public, then the Fire Official may revoke the Special Use Permit, which will not allow the further Use of the Haunted House. If the violations are corrected, then the Special Use Permit may be reinstated with no charge.

3. In the event a Special Use Permit is revoked and the occupant refuses to comply with the required regulations, a refund of the permit fee will not be allowed.

Regulations regarding the use of "Halloween Haunted Houses"

1. Emergency Exits shall be provided throughout the structure to insure the safe and prompt egress of occupants in the event of an emergency. These exits shall not be covered or concealed in anyway and shall be available for immediate use without any type of hindrance. These exits shall be marked "Exit"- All Exit signs shall be of a fluorescent type with minimum size three-inch letters. All staff personnel shall know the location of all exits.
2. No obstacles shall be placed in the floor area that may slow or impede the occupants' escape in the event of an emergency. For areas where the means of egress may be confusing or difficult to find, arrows pointing to the exits shall be placed or painted on the floor- This should be a fluorescent color which can be easily identified
3. All steps, ramps or Outside porches shall be lighted at all times.
4. Lights shall be installed in all areas of the structure, which will be occupied. They shall be turned on in the event of an emergency to provide sufficient light for a safe means of exiting the building.
5. Flashlights shall be provided to all staff persons conducting the tours or going into the structure at any time
6. Multi-purpose fire extinguishers shall be installed throughout the structure so that the maximum travel distance to an extinguisher does not exceed 25 feet. The minimum size extinguisher allowed will be five (5) pounds.
7. All staff personnel shall know the location and use of all fire extinguishers in the structure.
8. There shall be absolutely No Smoking allowed inside the structure. "No Smoking" signs shall be posted at all entrances and at or near any ticket booth or ticket collection area. It will be the responsibility of the permit holder to enforce this rule.
9. No open flame, candle, or pyrotechnics shall be used within or in near proximity of the structure.
10. The use of straw, hay or sawdust near the exits or in the structure shall be used only if approved by the Fire Inspector. All straw, hay or sawdust, tree or other combustible decorations or adornments shall be treated with an approved flame retardant prior to being used.
11. Spliced Electrical Cords, home made switching devices and/or open junction boxes and connections shall not be permitted.
12. Extension Cords of the lamp cord type number 16 gauge or smaller shall not be used as a wiring method. if extension cords are required, only type, S, SJ, or SJO cords number 14 gauge or larger shall be permitted, or approved power bars with built in thermal protection may be used. All cords shall contain a grounding means and shall be properly connected.

13. All temporary wiring shall be in accordance to Section 305 of the National Electric Code. All wiring shall be properly secured to the wall or ceiling to prevent damage or shock injury. All splices shall be made in closed junction boxes.
14. The number of persons allowed inside the structure per group shall not be more than ten. Each group shall be lead through the structure by a competent staff person. There will be no more than two groups allowed inside the structure at any time. All staff persons leading groups shall be familiar with all the guidelines required for Haunted Houses.
15. In the event of an emergency, a warning signal will be sounded to notify all occupants to evacuate the structure. This signal shall indicate that the lights are to be turned on. The Fire Inspector shall approve the method of alarm. The alarm shall be tested each night before opening. All staff members are to be present for test.
16. Other considerations for the safety of the public that may be necessary such as decorations, fire lanes, etc. shall be enforced by the Fire Inspector.

Introduction

Maintaining a safe environment from the threat of fire for all occupants of the City of Concord is a primary function and goal of the Fire Marshal's Office. The Indoor Display of Motor Vehicles presents a difficult problem in trying to meet the provisions of the Fire Code and maintain such a safe environment. The following provisions will be required to be met to assure the safety of all persons inhabiting a structure containing indoor vehicle displays.

Permit Required

A Permit shall be required to be obtained from the Fire Marshal's Office for anyone wishing to display a vehicle inside of a structure or building. The permit fee shall be based upon the Concord Fire & Life Safety Fee Schedule. This permit shall be completed on a Permit Application form. No vehicles shall be displayed without obtaining a permit first or a double fee will be required.

Permit Issuance Procedure

1. The person wishing to obtain a Permit for an indoor vehicle display shall first contact the Fire Marshal's Office and fill out a Permit Application. The Permit Fee should be paid at this time.
2. A copy of the guidelines for the indoor display of a vehicle membrane will be given to the applicant. After completion of the application and payment of the fees, the Fire Marshal's Office will give permission for the vehicles to be brought into the building or structure. After the vehicles have been brought into the proposed display area, an appointment for a Fire Inspection shall be made to inspect the area (The Fire Inspection cannot be conducted until the requirements for safety systems of the vehicle(s) are in-place and the facility is ready for use).
3. The inspector upon completion of the fire inspection and satisfied that all guidelines and provisions of the Fire Code have been met shall then sign and complete the Application Permit and give the pink copy to the applicant, which must be kept at the facility at all times. The inspector will then return the white and yellow copies to Fire Marshal's Office for filing.

Inspection and Revocation of Permit

1. At any time the display area containing the vehicles are open to the public, a fire inspection may be conducted by a Fire Official to assure compliance with all guidelines and the Fire Code.

2. In the event that the specified guidelines and/or the Fire Code regulations are not being met, then the person that obtained the Permit will be subject to a Civil Citation. If the violations are of such a severe nature as to be hazardous to the lives and/or well being of the public, then the Fire Official may revoke the Permit, which will not allow the further display of the vehicles permitted. If the violations are corrected, then the Permit may be reinstated with no charge.
3. In the event a Permit is revoked and the occupant refuses to comply with the required regulations, a refund of the permit fee will not be allowed.

Vehicles Being Displayed In a Building

The purpose of this section is to give the requirements of Section 314 of the Fire Prevention Code concerning the indoor display of vehicles in a building within the City Limits of Concord.

The following requirements are to be applied for **vehicles being used as a static indoor display** (Concord Mills Mall, Carolina Mall, Convention Center, etc):

1. An Operational Permit IS required for this type of display. Permits are to be reviewed and issued prior to the vehicle(s) being displayed.
2. All access doors are to be secured and/or locked,
3. The Fuel tank/cell level shall be at 1/4 or lower,
4. The Fuel cap secured with a locking gas cap (Vehicles equipped with a locking gas door are acceptable and in this case would not need a locking fuel cap).
5. All Batteries are to be disconnected (Special exceptions will be considered such as vehicles with computer programming issues).
6. Any vehicles found to be leaking fluids are to be removed from the display area. All spills and/or leaks of fluids are to be immediately removed.

These requirements should be viewed more as preventing a fire from occurring from tampering and/or damage to the vehicle rather than the vehicle causing a fire.

Vehicles Being Displayed In a Dealership

Displays of this type are for sales purposes. These vehicles are expected to crank and run as a part of the normal business of the occupancy. Applying the same requirements as above would hinder the businesses ability to effectively demonstrate and sell the vehicle.

The following requirements are to be applied when inspecting businesses of this type:

2. An Operational Permit is NOT required for occupancies of this type. However, regular inspections will be conducted through the periodic inspection process, complaint and special investigation basis.
3. The exempt amounts of Flammable and Combustible Liquids stated in the Chapter 27 of the Fire Prevention Code are to be applied for the amounts of fuel in vehicle tanks This is an aggregate amount for all vehicles within the (control area) sales floor,
4. The vehicle shall be in running order with all items, devices, covers, caps and other components present or securely in place,
5. Any vehicles found to be leaking fluids are to be repaired and/or removed from the sales area. All spills and/or leaks of fluids are to be immediately removed,
6. The amount of time the vehicle is run shall be limited in order to keep Carbon Monoxide levels down within the building and engine/coolant temperatures to a minimum,
7. The vehicle shall be safeguarded to prevent movement during display and operation (parking brake engaged, transmission in park position, hand brake applied, etc...).
8. Any other safeguards necessary to ensure public safety is maintained.

The same requirements as above would apply to motorcycle, boat and other powered vehicle dealerships (Harley Davidson, Bass Pro, John Deere, etc...).

Display's such as RV's & campers, race cars, drag motorcycles and other types of specialty vehicles are to be submitted through the permitting process. The particular set up of the display and vehicle type will be reviewed and a decision of specific requirements will be implemented on a case-by-case basis. Items to be considered in the review process are factors such as the occupancy type, building occupant load, vehicle type, and the vehicle's computer programming (transmission, etc.) and any other items relevant to the display. A permit shall be issued stating the specific requirements.

ALL vehicle displays are to be inspected in accordance with this requirement.

Special Event Vender Regulations

06.10

Food Vender Information

Items to be inspected:

1. Every food vender conducting cooking or baking operations shall have a 5-pound ABC Type Fire Extinguisher located within their booth. An approved fire extinguisher company shall have inspected this extinguisher within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.
2. Liquefied Petroleum Gas (LPG) Tanks shall be located away from combustible tents and other combustible items in an approved manner.
3. Electrical extension cords shall be used in an approved manner.

Carnival / Ride Venders

Items to be inspected:

1. The ride owner shall provide documentation that his/her rides are in maintained and in proper working order.
2. The ride owner shall have a 5-pound ABC Type Fire Extinguisher located at 75 feet travel distances throughout their attraction area. An approved fire extinguisher company shall have inspected extinguishers within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.

Tent Permits

General Information:

1. Individual tents 700 square feet and larger shall obtain a permit from the Fire Marshal's Office.
2. Rows of tents with an aggregate area of 700 square feet or larger shall obtain a permit from the Fire Marshal's Office.
 - A. Information on the requirements of a tent permit can be obtained from the Fire Marshal's Office.
3. Non-Permitted rows of tents exceeding 700 square feet shall have a 10-foot fire break installed between each 700 square feet area of tents.
4. Before a permit is granted, the owner or agent shall file with the code official a certificate executed by an approved testing laboratory, certifying that the tents, air-supported, air-inflated or tensioned membrane structures and their appurtenances, sidewalls, drops and tops of temporary membrane structures, canopies, tarpaulins, floor coverings, bunting, combustible decorative materials and effects, including sawdust when used on floors or passageways, shall be composed of flame-resistant material or shall be treated with a flame retardant in an approved manner and meet the requirements for flame resistance as determined in accordance with NFPA 701, and that such flame resistance is effective for the period specified by the permit.

Use of Power Generators and Flammable and Combustible Liquid Storage

Portable Power Generators are only approved for outdoor/exterior use with the following safeguards:

1. Flammable and Combustible Liquids shall be stored in an approved, secured manner 50-feet from combustible materials.
2. Gasoline generators and other hydrocarbon-fueled power generating equipment shall be located at a secure, approved location 20-feet from combustible materials.
3. Refueling of gasoline generators and other hydrocarbon-fueled power generating equipment shall be refueled in a secure, approved manner 20-feet from combustible materials.
4. Every vender utilizing a power generator or similar device shall have a 5-pound ABC Type Fire Extinguisher located at or near the device. An approved fire extinguisher company shall have inspected this extinguisher within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.

Hydrocarbon Powered Vehicles

North Carolina Fire Prevention Code Chapter 3, Section 314.4 Indoor Display of vehicles regulates the indoor storage and display of Hydrocarbon Powered Vehicles. When displaying vehicles indoors the following requirements shall be met:

314.4 Vehicles.

Liquid- or gas-fueled vehicles, boats or other motor-craft shall not be located indoors except as follows:

1. Batteries are disconnected.
2. Fuel in fuel tanks does not exceed one-quarter tank or 5 gallons (19 L) (whichever is least).
3. Fuel tanks and fill openings are closed and sealed to prevent tampering (Locking Fuel Caps are preferred).
4. Vehicles, boats or other motor-craft equipment are not fueled or de-fueled within the building.

Special consideration will be given to situations where disconnecting total power to a vehicle may disrupt or hamper the removal of the vehicle. In this case additional safeguards will be developed and implemented by the Fire Official.

Emergency Planning and Preparedness

North Carolina Fire Prevention Code Chapter 4, Section 404.3 Fire Safety and Evacuation Plan Contents. Fire Safety and Evacuation Plans shall be in accor-

Section 404.3.1 Fire evacuation plans. Fire evacuation plans shall include the following:

1. Emergency egress or escape routes and whether evacuation of the building is to be complete or, where approved, by selected floors or areas only.
2. Procedures for employees who must remain to operate critical equipment before evacuating.
3. Procedures for accounting for employees and occupants after evacuation have been completed.
4. Identification and assignment of personnel responsible for rescue or emergency medical aid.
5. The preferred and any alternative means of notifying occupants of a fire or emergency.
6. The preferred and any alternative means of reporting fires and other emergencies to the fire department or designated emergency response organization.
7. Identification and assignment of personnel who can be contacted for further information or explanation of duties under the plan.
8. A description of the emergency voice/alarm communication system alert tone and preprogrammed voice messages, where provided.

Section 404.3.2 Fire safety plans. Fire safety plans shall include the following:

1. The procedure for reporting a fire or other emergency.
2. The life safety strategy and procedures for notifying, relocating, or evacuating occupants.
3. Site plans indicating the following:
 - A. The occupancy assembly point.
 - B. The locations of fire hydrants.
 - C. The normal routes of fire department vehicle access.
4. Floor plans identifying the locations of the following:
 - A. Exits.
 - B. Primary evacuation routes.
 - C. Secondary evacuation routes.
 - D. Accessible egress routes.
 - E. Areas of refuge.
 - F. Manual fire alarm boxes.
 - G. Portable fire extinguishers.
 - H. Occupant-use hose stations.Fire alarm annunciators and controls.
5. A list of major fire hazards associated with the normal use and occupancy of the premises, including maintenance and housekeeping procedures.
6. Identification and assignment of personnel responsible for maintenance of systems and equipment installed to prevent or control fires.
7. Identification and assignment of personnel responsible for maintenance, housekeeping and controlling fuel hazard sources.

Precautions for Use of Outside Factory Pre-Manufactured Fireplaces and Fire-pits

06.11

The NC Fire Code lists the following as general precautions; also the manufacturer's instructions must always be followed.

- 1) Fires in approved and listed outdoor pre-manufactured fireplaces shall not be less than 15 feet from a structure or building. These devices usually have a



chimney.

Examples below:

- 2) Pre-manufactured fire-pits shall not be used within 25 feet of a structure or combustible material. These devices do not have a chimney and may allow sparks to escape onto combustible surfaces or any surface that could catch fire.

Examples below:



- 3) **All** of these devices shall not be operated on combustible balconies, decks, porches, or other surfaces which could catch fire, unless specifically approved for that use by the manufacturer.

Conditions around all these devices which could cause a fire to spread within 25 feet of a structure/building should be eliminated prior to use, such as leaves, dry grass, etc. For additional information, please contact the Concord Fire & Life Safety Fire Marshal's Office at 704-920-5517.

Special Assembly Regulations

06.12

Introduction

Maintaining a safe environment from the threat of fire or injury for all occupants of the City of Concord is a primary function and goal of the Fire Marshal's Office. Gatherings of large numbers of people present a difficult problem in trying to meet the provisions of the Fire Code and maintain such a safe environment. The following provisions will be required to be met to assure the safety of all persons participating and attending a Special Assembly.

Permit Required

A Special Use Permit shall be required to be obtained from the Fire Marshal's Office for anyone wishing to conduct a Special Assembly. The permit fee shall be based upon the Special Use Permit Fee Schedule. This permit shall be completed on a Special Use Permit form.

Permit Issuance Procedure

1. The person wishing to obtain a Special Use Permit for the "Special Assembly" shall first contact the Fire Marshal's Office. An appointment for a Fire Inspection shall be made to inspect the building/lot/area planned to be used as a "Special Assembly". The Permit Fee shall be paid at this time.
2. A copy of the guidelines for use of Special Assembly will be given to the applicant. The Fire Inspection should not be conducted until the requirements for Fire Safety Plan are in place and the building/lot/area is ready for use.
3. The inspector upon completion of the fire inspection and satisfied that all guidelines and provisions of the Fire Code have been met shall then sign and complete the Special Use Permit and give the pink copy to the applicant, which must be kept at the facility at all times. The inspector will then return the white and yellow copies to the Fire Marshal's Office for filing.

Inspection and Revocation of Permit

1. At any time while the "Special Assembly" is occurring, a fire inspection may be conducted by a Fire Official to assure compliance with all guidelines and the Fire Code.
2. In the event that the specified guidelines and/or the Fire Code regulations are not being met, then the person that obtained the Special Use Permit will be subject to a Civil Citation. If the violations are of such a severe nature as to be hazardous to the lives and/or well being of the public, then the Fire Official may revoke the Special Use Permit, which will not allow the continued "Special Assembly". If the violations are corrected, then the Special Use Permit may be reinstated with no charge.
3. In the event a Special Use Permit is revoked and the occupant refuses to comply with the required regulations, a refund of the permit fee will not be allowed.

Plan Required

In other than Group A or E occupancies, where the code official determines that an indoor or outdoor gathering of persons has an adverse impact on public safety through diminished access to buildings, structures, fire hydrants and fire apparatus access roads or where such gatherings adversely affect public safety services of any kind, the code official shall have the authority to order the development of, or prescribe a plan for, the provision of an approved level of public safety.

Plan Content

The public safety plan shall address such items as emergency vehicle ingress and egress, fire protection, emergency medical services, public assembly areas and the directing of both attendees and vehicles (including the parking of vehicles), vendor and food concession distribution, and the need for the presence of law enforcement, and fire and emergency medical services personnel at the event.

Fire Evacuation Plans.

1. Fire evacuation plans shall include the following:
2. Emergency egress or escape routes and whether evacuation of the building is to be complete or, where approved, by selected floors or areas only.
3. Procedures for employees who must remain to operate critical equipment before evacuating.
4. Procedures for accounting for employees and occupants after evacuation have been completed.
5. Identification and assignment of personnel responsible for rescue or emergency medical aid.
6. The preferred and any alternative means of notifying occupants of a fire or emergency.
7. The preferred and any alternative means of reporting fires and other emergencies to the fire department or designated emergency response organization.
8. Identification and assignment of personnel who can be contacted for further information or explanation of duties under the plan.
9. A description of the emergency voice/alarm communication system alert tone and preprogrammed voice messages, where provided.

Fire safety plans shall include the following:

1. The procedure for reporting a fire or other emergency.
2. The life safety strategy and procedures for notifying, relocating, or evacuating occupants.
3. Site plans indicating the following:
 - A. The occupancy assembly point.
 - B. The locations of fire hydrants.
 - C. The normal routes of fire department vehicle access.
4. Floor plans identifying the locations of the following:
 - A. Exits.
 - B. Primary evacuation routes.
 - C. Secondary evacuation routes.
 - D. Accessible egress routes.
 - E. Areas of refuge.
 - F. Manual fire alarm boxes.
 - G. Portable fire extinguishers.
 - H. Occupant-use hose stations.
 - I. Fire alarm annunciators and controls.
5. A list of major fire hazards associated with the normal use and occupancy of the premises, including maintenance and housekeeping procedures.
6. Identification and assignment of personnel responsible for maintenance of systems and equipment installed to prevent or control fires.
7. Identification and assignment of personnel responsible for maintenance, housekeeping and controlling fuel hazard sources.

Special Event Emergency Planning

06.13

Items to be included:

1. An Emergency Planning and Preparedness Plan shall be submitted as per Chapter 4 of the North Carolina Fire Prevention Code. (See Page 2 and 3).
2. Fire Incident Notification, Evacuation and Sheltering Planning.
3. Severe Weather Notification, Evacuation and Sheltering Planning.
4. Criminal/Terrorist Incident Notification, Evacuation and Sheltering Planning.
5. Other incident event Notification, Evacuation and Sheltering Planning.
6. A Site Plan of the event with a layout of attractions, events, rides, food vendors, First Aid Station location, Emergency vehicle ingress and egress routes and any other event activities locations.
7. Onsite emergency and routine communication methods and means.
8. 5-pound ABC Type Fire Extinguishers shall be located at prominent locations throughout the event area on a stationary post or other approved device at 75-foot travel distance between extinguishers.
9. Emergency Evacuation routes and shelter locations posted at prominent locations throughout the event area on a stationary post or other approved device.

Food Vender Information

Items to be inspected:

1. Every food vender conducting cooking or baking operations shall have a 5-pound ABC Type Fire Extinguisher located within their booth. An approved fire extinguisher company shall have inspected this extinguisher within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.
2. Liquefied Petroleum Gas (LPG) Tanks shall be located away from combustible tents and other combustible items in an approved manner.
3. Electrical extension cords shall be used in an approved manner.

Carnival / Ride Vendors

Items to be inspected:

1. The ride owner shall provide documentation that his/her rides are in maintained and in proper working order.
2. The ride owner shall have a 5-pound ABC Type Fire Extinguisher located at 75 feet travel distances throughout their attraction area. An approved fire extinguisher company shall have inspected extinguishers within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.

Tent Permits

General Information:

1. Individual tents 700 square feet and larger shall obtain a permit from the Fire Marshal's Office.
2. Rows of tents with an aggregate area of 700 square feet or larger shall obtain a permit from the Fire Marshal's Office.
 - A. Information on the requirements of a tent permit can be obtained from the Fire Marshal's Office.
3. Non-Permitted rows of tents exceeding 700 square feet shall have a 10-foot fire break installed between each 700 square feet area of tents.
4. Before a permit is granted, the owner or agent shall file with the code official a certificate executed by an approved testing laboratory, certifying that the tents, air-supported, air-inflated or tensioned membrane structures and their appurtenances, sidewalls, drops and tops of temporary membrane structures, canopies, tarpaulins, floor coverings, bunting, combustible decorative materials and effects, including sawdust when used on floors or passageways, shall be composed of flame-resistant material or shall be treated with a flame retardant in an approved manner and meet the requirements for flame resistance as determined in accordance with NFPA 701, and that such flame resistance is effective for the period specified by the permit.

Use of Power Generators and Flammable and Combustible Liquid Storage

Portable Power Generators are only approved for outdoor/exterior use with the following safeguards:

1. Flammable and Combustible Liquids shall be stored in an approved, secured manner 50-feet from combustible materials.
2. Gasoline generators and other hydrocarbon-fueled power generating equipment shall be located at a secure, approved location 20-feet from combustible materials.
3. Refueling of gasoline generators and other hydrocarbon-fueled power generating equipment shall be refueled in a secure, approved manner 20-feet from combustible materials.
4. Every vender utilizing a power generator or similar device shall have a 5-pound ABC Type Fire Extinguisher located at the device. An approved fire extinguisher company shall have inspected this extinguisher within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.

Hydrocarbon Powered Vehicles

North Carolina Fire Prevention Code Chapter 3, Section 314.4 Indoor Display of vehicles regulates the indoor storage and display of Hydrocarbon Powered Vehicles. When displaying vehicles indoors the following requirements shall be met:

314.4 Vehicles.

Liquid- or gas-fueled vehicles, boats or other motorcraft shall not be located indoors except as follows:

1. Batteries are disconnected.
2. Fuel in fuel tanks does not exceed one-quarter tank or 5 gallons (19 L) (whichever is least).
3. Fuel tanks and fill openings are closed and sealed to prevent tampering (Locking Fuel Caps are preferred).
4. Vehicles, boats or other motorcraft equipment are not fueled or defueled within the building.

Special consideration will be given to situations where disconnecting total powered to a vehicle may disrupt or hamper the removal of the vehicle. In this case additional safeguards will be developed and implemented by the Fire Official.

Emergency Planning and Preparedness

North Carolina Fire Prevention Code Chapter 4, Section 404.3 Fire Safety and Evacuation Plan Contents. Fire Safety and Evacuation Plans shall be in accordance with Sections 404.3.1 and 404.3.2.

Section 404.3.1 Fire evacuation plans. Fire evacuation plans shall include the following:

1. Emergency egress or escape routes and whether evacuation of the building is to be complete or, where approved, by selected floors or areas only.
2. Procedures for employees who must remain to operate critical equipment before evacuating.
3. Procedures for accounting for employees and occupants after evacuation have been completed.
4. Identification and assignment of personnel responsible for rescue or emergency medical aid.
5. The preferred and any alternative means of notifying occupants of a fire or emergency.
6. The preferred and any alternative means of reporting fires and other emergencies to the fire department or designated emergency response organization.
7. Identification and assignment of personnel who can be contacted for further information or explanation of duties under the plan.
8. A description of the emergency voice/alarm communication system alert tone and preprogrammed voice messages, where provided.

Fire safety plans shall include the following:

1. The procedure for reporting a fire or other emergency.
2. The life safety strategy and procedures for notifying, relocating, or evacuating occupants.
3. Site plans indicating the following:
 - A. The occupancy assembly point.
 - B. The locations of fire hydrants.
 - C. The normal routes of fire department vehicle access.
4. Floor plans identifying the locations of the following:
 - A. Exits.
 - B. Primary evacuation routes.
 - C. Secondary evacuation routes.
 - D. Accessible egress routes.
 - E. Areas of refuge.
 - F. Manual fire alarm boxes.
 - G. Portable fire extinguishers.
 - H. Occupant-use hose stations.
 - I. Fire alarm annunciators and controls.
5. A list of major fire hazards associated with the normal use and occupancy of the premises, including maintenance and housekeeping procedures.
6. Identification and assignment of personnel responsible for maintenance of systems and equipment installed to prevent or control fires.
7. Identification and assignment of personnel responsible for maintenance, housekeeping and controlling fuel hazard sources.

Erection of Tent or Air Supported Membrane Structures

06.14

Introduction

Maintaining a safe environment from the threat of fire for all occupants of the City of Concord is a primary function and goal of the Fire Marshal's Office. The erection of tents or other membrane structures present a difficult problem in trying to meet the provisions of the Fire Code and maintain such a safe environment. The following provisions will be required to be met to assure the safety of all persons inhabiting a tent or air membrane structure.

Permit Required

A Tent Permit shall be required to be obtained from the Fire Marshal's Office for anyone wishing to erect a tent or air membrane structure. The permit fee shall be based upon the Concord Fire & Life Safety Fee Schedule. This permit shall be completed on a Permit Application form. No tents shall be erected without obtaining a permit first or a double fee will be required.

Permit Issuance Procedure

1. The person wishing to obtain a Tent Permit for the erection of a tent or air membrane structure shall first contact the Fire Marshal's Office and fill out a Permit Application. The Permit Fee should be paid at this time.
2. A copy of the guidelines for the erection of a tent or air supported membrane structure will be given to the applicant. After completion of the application and payment of the fees, the Fire Marshal's Office will give permission for the structure to be erected upon the proposed site. After the structure has been erected, an appointment for a Fire Inspection shall be made to inspect the structure (The Fire Inspection cannot be conducted until the requirements for safety systems of the building are in place and the facility is ready for use).
3. The inspector upon completion of the fire inspection and satisfied that all guidelines and provisions of the Fire Code have been met shall then sign and complete the Application Permit and give the pink copy to the applicant, which must be kept at the facility at all times. The inspector will then return the white and yellow copies to Fire Marshal's Office for filing.

Inspection and Revocation of Permit

1. At any time the Tent or Air Supported Membrane Structure is open to the public, a fire inspection may be conducted by a Fire Official to assure compliance with all guidelines and the Fire Code.

1. In the event that the specified guidelines and/or the Fire Code regulations are not being met, then the person that obtained the Tent Permit will be subject to a Civil Citation. If the violations are of such a severe nature as to be hazardous to the lives and/or well being of the public, then the Fire Official may revoke the Tent Permit, which will not allow the further Use of the Tent or Air Supported Membrane Structure. If the violations are corrected, then the Tent Permit may be reinstated with no charge.
2. In the event a Tent Permit is revoked and the occupant refuses to comply with the required regulations, a refund of the permit fee will not be allowed.

Requirements for Tent and other Membrane Structures

1. Tents and membrane structures having an area in excess of 200 sqft and canopies in excess of 400 sqft shall not be erected, operated or maintained for any purpose without first obtaining a permit and approval from the Fire Marshal's Office.
 - A. For purposes of this section the following definitions shall apply:
 - a **Tent:** a structure, enclosure or shelter constructed of fabric or pliable material supported by any manner except by air or the contents it protects.
 - b **Canopies:** A structure, enclosure or shelter constructed of fabric or pliable materials supported by any manner, except by air or the contents it protects, and is open without sidewalls or drops on 75 percent or more of the perimeter.
 - B. Exceptions to item 1:
 - a Tents used exclusively for recreational camping purposes.
 - b Fabric canopies and awnings open on all sides, which comply with the following.
 - i Individual canopies having a maximum size of 700 square feet.
 - ii The aggregate area of multiple canopies placed side by side without a firebreak clearance of 12 feet not exceeding 700 square feet total.
 - iii A minimum clearance of 12 feet to all other structure and tents.
2. Before a permit is granted, the owner or agent shall file with the code official a certificate executed by an approved testing laboratory, certifying that the tents, air-supported, air-inflated or tensioned membrane structures and their appurtenances, sidewalls, drops and tops of temporary membrane structures, canopies, tarpaulins, floor coverings, bunting, combustible decorative materials and effects, including sawdust when used on floors or passageways, shall be composed of flame-resistant material or shall be treated with a flame retardant in an approved manner and meet the requirements for flame resistance as determined in accordance with NFPA 701, and that such flame resistance is effective for the period specified by the permit.

3. Temporary tents, air supported, air inflated or tensioned structures and canopies shall be not be used for a period of 180 days within a 12 month period on a premises.
4. Construction documents: A detailed site and floor plan for tents, canopies, air supported and tensioned membraned structures with an occupancy load of 50 or more people shall be provided with each special use permit application The plan shall include exits, seating arrangement and capacity, location and type of heating and electrical devices equipment.
5. Access must be maintained around the exterior perimeter.
6. **Individual tents 700 square feet and larger shall obtain a permit from the Fire Marshal's Office. Rows of tents with an aggregate area of 700 square feet or larger shall also require permitting.**
7. Tents shall be not be located within 200 feet of lot lines, buildings, or other temporary structures, parked vehicles, and internal combustion engines (ropes, guy wires are considered to be part of the tent, canopy or air supported structure.
8. A minimum of 1-2A10BC (5lbs.) extinguisher must be maintained on site at all times. The extinguisher must have an annual maintenance inspection performed by a qualified extinguisher company within the last year. The size of the tent **may** dictate additional extinguishers to be installed to meet travel distance requirements.
9. Fire exit signs and no smoking signs may be required by the inspector at the time of inspection.
10. Extension cords and other lighting appliances shall be used in a safe and approved manner.
11. Fire apparatus roads shall be provided and maintained.

Use of Power Generators and Flammable and Combustible Liquid Storage

Portable Power Generators are only approved for outdoor/exterior use with the following safeguards:

1. Flammable and Combustible Liquids shall be stored in an approved, secured manner 50-feet from combustible materials.
2. Gasoline generators and other hydrocarbon-fueled power generating equipment shall be located at a secure, approved location 20-feet from combustible materials.
3. Refueling of gasoline generators and other hydrocarbon-fueled power generating equipment shall be refueled in a secure, approved manner 20-feet from combustible materials.
4. Every vender utilizing a power generator or similar device shall have a 5-pound ABC Type Fire Extinguisher located at the device. An approved fire extinguisher company shall have inspected this extinguisher within the last 12 months. The extinguisher company will place a tag on the extinguisher with the last inspection date on the extinguisher.

Fuel Storage Tanks Closure and Removal (Above Ground & Underground)

06.15

Tank Closure

An Underground Storage Tank (UST), or Aboveground Storage Tank (AST) permit is required for closure of tank(s) system either by removal or abandonment in place.

Required Information:

- Location of tank(s).
- Size of tank(s).
- Type and use of regulated substance stored.
- Method of inerting or purging UST's or AST's.
- Site assessment in accordance with UST Regulations (9VAC25-580-330).
- Closure in place – material to be used to fill UST's.

Closure of UST system(s) shall be in accordance with North Carolina Fire Prevention Code, NCDHNR regulations and all referenced standards.

Tank Removal

Fire Inspections will consist of the following:

- On-site inspections by CFD-FMO inspectors to witness that the tanks are removed.
- Witness that soil or water samples are taken at the time of tank removal if applicable.
- Document method if inerting or purging of tank(s), if applicable.
- Approve back filling of excavation if no release is detected.
- If release is detected, soils must be stored on site and adjacent areas protected, or soils are to be removed to a proper site for disposal.
- Tanks are to be marked – "unfit for human consumption."

A UST – AST permit will be finalized when the soils report is received if a release has taken place.

Closure in place may not be permitted if it is suspected that the tank(s) leak or it is known that the tank(s) leak. If permitted, the tank may be filled with an inert material such as sand, a slurry concrete mix, foam or pea gravel. Boring samples may be required from around the tank to ensure that a release has not taken place.

Two copies of the site plan with the tank location shall be submitted to the Developmental Services Office if closure is by abandonment in place.



CONCORD FIRE & LIFE SAFETY

Fire Marshal's Office

Post Office Drawer 308 • Concord, North Carolina 28026-0308
Telephone 704-920-5517 • Fax 704-782-3488

Permit Application For Display Fireworks/Pyrotechnic Special Effects

1. A Pyrotechnic Display of Fireworks Permit Application shall be submitted to the Concord Fire & Life Safety Department at least 30 days in advance of the pyrotechnic display.
2. All requirements of the "Fireworks Special Use Permit" document must be met. Furthermore all provisions of the 2002 North Carolina Fire Code, Chapter 33, North Carolina GS 14-414 and NFPA 1123, 1124 & 1126 and shall be met and adhered to at all times.
3. Mail submittal to: Concord Fire & Life Safety Fire Marshal's Office (Attn: Cindy)
100 Warren C. Coleman Blvd N.
Concord, NC 28026.
4. A \$150.00 permit fee is required to be submitted and payable to City of Concord. **(Non-Refundable)**
5. Call (704) 920-5517, email abernatc@ci.concord.nc.us, or fax (704) 782-3488 with questions regarding these requirements.

Date and Time of Display: _____ Rain Date: _____

SITE INFORMATION

Name	_____	Property Owners Name	_____
Address	_____	Address	_____
Telephone Number	_____	Telephone Number	_____
Fallout Perimeter	_____	Maintained By	_____
Designed By	_____		_____

PYROTECHNICS COMPANY

Name	_____	Contact Person (onsite)	_____
Address	_____	Mobile # (onsite)	_____
Number of Personnel to be on-site	_____	Lead Pyrotechnic Operator	_____
Support Personnel	_____	Support Personnel	_____
Support Personnel	_____	Support Personnel	_____

I, the undersigned do hereby agree to comply with IFC Chapter 33, all Local, State, and Federal Laws.

_____	Signature of Applicant	_____
Name of Applicant (type or print)	Date	_____

TO BE INCLUDED: 1) A bond or certificate of insurance shall be furnished for the amount deemed adequate as determined by the Bureau Chief. The minimum liability required by the City is one million dollars (must be claims occurred general liability coverage.) "The City of Concord, NC, and its employees are named as additional insured" shall be specifically indicated on the certificate. An original certificate of insurance with the original penned signature of the agent writing the certificate is required (Stamped signatures are not accepted).

2) A Site map of the fireworks display is to be included which details the firing site and device layout, the locations of spectators, the firing site, the fallout perimeter, and fireworks storage area.

3) A complete list of all pyrotechnic devices to be displayed. Displays before a proximate audience require the submittal of device and effect descriptions. A Site Safety Plan including emergency procedures, PPE utilized by personnel, evacuation/help needed signal and any other pertinent information shall be submitted at the time of permit issuance.

4) Proper identification and licenses shall be displayed to the Fire Marshal's Office prior to the issuance of a permit. The Lead Pyrotechnic Operator shall have a "shooters certified" certificate from the Pyrotechnics Guild International (PGI) or show equivalent training and experience. All non-PGI certifications shall be reviewed for approval by the Fire Prevention Division. A Resume is required for Lead pyrotechnicians. An approved Shooter/Operator shall be designated as the responsible party and shall be required to be on site at all times.



CONCORD FIRE & LIFE SAFETY

Fire Marshal's Office

FIRE ALARM SYSTEM PERMIT APPLICATION

<p>Standard (Work other than qualified Quick Start Permits)</p> <p>Submit at: Concord Fire & Life Safety Fire Marshal's Office 100 Warren C. Coleman Blvd N. Concord, NC 28026 (704) 920-5517; fax (704) 782-3488</p>	<p>Quick Start (Existing Systems Only) (6 devices or less and no work in remote area, Only)</p> <p>Development # _____ Project # _____ Permit # _____</p> <p style="text-align: center;">[THIS BOX FOR STAFF USE ONLY]</p>
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Permit Fees paid at time of application are **NON-REFUNDABLE**

(Standard: Total fee due at application) 1 copy
Permit \$150 and Test Inspection \$150

(Quick Start: Total fee due at application) 1 copy
Permit \$150

Payable to City of Concord

** If you want an approved copy returned, please submit 2 copies & enclose a self-stamped, addressed envelope.*

Project Name/Tenant _____	Bldg Permit # _____
Site Address _____	Unit/Bldg/Suite # _____
Complex Name _____	Tax Parcel # _____

Contractor Name _____	Phone # _____
Contact Name _____	Fax # _____
Business Address _____	City _____ State, ZIP _____
State License Number _____	State License Expiration Date _____
e-mail address _____	Concord Business License # _____

~ SCOPE OF WORK ~

Modification to existing system(s):

Number of Control Panels (C) _____; Number of Transmitters (T): _____; Power Supply (sub) _____

Total number of other devices (detectors, horns, strobes, etc...) _____

Modifications/TI's: Number of Control Panels (C) _____; Transmitters (T) _____; Power Supply (sub) _____

Total number of other devices (detectors, horns, strobes, etc...) _____

Description of work (be specific, if necessary use the back of this form):

Place a check mark on the appropriate scope of work to determine which permit you are applying for:

- Installation or relocation of more than 6 devices shall use the Standard Permit process.
- Installation or relocation of a STU, FACP or transmitter shall use the Standard Permit process.
- Installation of auxiliary power supplies or installation/relocation 6 or fewer devices may use the Quick Start Permit process.

NOTE: Submittals for review must include all items identified in the Fire Department Standards. Failure to provide any necessary information may result in a delay of the review process or rejection of your application.

I understand that all applicable codes apply. Errors and/or omissions on the plans and corrections from field inspections are the responsibility of the owner/contractor. All work is subject to the compliance with City of Concord ordinances and laws of the State of North Carolina.

	SIGNATURE	
PRINT NAME (Applicant)		PHONE
		DATE

Rev. 1 MAY 2005

This form must be accompanied with the appropriate SUBMITALL CHECKLIST.



CONCORD FIRE & LIFE SAFETY

Fire Prevention Bureau

Post Office Drawer 308 • Concord, North Carolina 28026-0308
Telephone 704-920-5517 • Fax 704-782-3488

FIRE ALARM Submittal Checklist for QUICK START PERMITS

**This checklist must be completed and submitted along with all
Standard Fire Alarm Permit Applications**

To qualify for a QUICK START permit the system must have a current UL Certificate or FM Placard, and the proposed changes involve 6 devices or less, and may include a remote power supply.

One set of reference plans shall be submitted in a minimum 8 ½" x 11" format. The Designer of Record must oversee and stamp each sheet of the submittal.

Any modification to a UL Certificated or an FM Placarded system may require an updated certificate or placard to be issued.

The submittal shall include:

- Copy of UL certificate, or
- Copy of FM placard;
- A description, the location, and the scope of the project;
- One (1) plan set for field reference;
- One (1) set of manufacturers specification sheets on all equipment to be used. Clearly mark the specific model of equipment used.
- A list of the contractually responsible parties:
 1. Monitoring, retransmission of signals, associated record keeping, & reporting of signals;
 2. Installation;
 3. Testing and Maintenance; and
 4. Runner service.

I VERIFY THAT I DESIGNED OR DIRECTLY SUPERVISED THE DESIGN OF THIS ALARM SUBMITAAL AND I VERIFY THAT SUBMITTAL REQUIRMENTS ARE ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

Designer of Record Name: _____ Designer of Record Number: _____

Designer of Record Signature: _____ Date: _____



CONCORD FIRE & LIFE SAFETY

Fire Marshal's Office

Post Office Drawer 308 • Concord, North Carolina 28026-0308
Telephone 704-920-5517 • Fax 704-782-3488

FIRE ALARM Submittal Checklist for STANDARD PERMITS

**This checklist must be completed and submitted along with all
Standard Fire Alarm Permit Applications & Fees**

Standard Fire Alarm Permit Application shall be used for the installation or modification of more than 6 devices, panel or transmitter installations, or any modifications of an existing system that does not have a current UL Certification or FM Placard.

All new installations or any modification to an existing system shall required third party verification as required in NFPA 72 for central station systems. If the system is not currently Certified or Placarded, provide an Owners Declaration of Fire Alarm Certifying or Placarding Company form. The submittal shall include the following:

- One (1) hard copy of manufacturer specifications on all equipment to be used and One (1) Adobe file on CD.**
 1. Clearly mark the specific model of equipment used;
 2. Battery calculations, in an approved format;
 3. Voltage drop calculations for each indicating circuit.
- If base plans are used that have additional but unnecessary information, then the additional information shall be deleted or shall not be copied at greater than half tone;
- Plans shall include a labeled site plan of no small than 1":50' scale; and
- Package is to include: Designer Name, Designer Company, a copy of Designer's Qualifications and/or certifications to design system from manufacturer, and Proof of Certification/Training on the installer/handler of said suppression system being installed.

Note of the face of the plans the contractually responsible parties for the following:

1. Monitoring, retransmission of signals, associated record keeping, & reporting of signals;
2. Installation;
3. Testing and Maintenance; and
4. Runner service.

Fire Alarm System Plan Submittal Requirements Highlights:

Construction documents for fire alarm systems shall be submitted for review and approval prior to system installation. Submittals shall be made in accordance with Section

907.1 of the North Carolina Fire Code. Systems shall be designed and installed in accordance with NFPA 72 (2002).

1. The fire alarm submittal shall include battery calculations, sequence of operations, voltage drop calculations, a riser diagram, a symbol legend, and, if utilizing ceiling mounted strobes, the appropriate ceiling heights, as required in NFPA 72 (2002).

2. Fire alarm system plans and specifications shall be developed in accordance with NFPA 72 by persons who are licensed Electrical Contractors through the North Carolina State Board of Examiners of Electrical Contractors and shall be experienced in the proper design, application, installation, and testing of fire alarm systems. (Reviewal by a NICET Level III or Level IV or Professional Engineer is preferred).

3. Drawings shall be drawn to scale with sufficient clarity and detail to indicate the nature and character of the work. Drawings should be of a fire alarm design only, not combination drawings using reflected ceiling plans, electrical, mechanical, etc.

I VERIFY THAT I DESIGNED OR DIRECTLY SUPERVISED THE DESIGN OF THIS ALARM SUBMITAAL AND I VERIFY THAT SUBMITTAL REQUIRMENTS ARE ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

Designer of Record Name: _____ Designer of Record Number: _____

Designer of Record Signature: _____ Date: _____



CONCORD FIRE & LIFE SAFETY

Fire Marshal's Office

FIRE SPRINKLER SYSTEM PERMIT APPLICATION

Standard (Work other than qualified Quick Start Permits) Submit at: Concord Fire & Life Safety Fire Marshal's Office 100 Warren C. Coleman Blvd N. Concord, NC 28026 (704) 920-5517; fax (704) 782-3488	Quick Start (Existing Systems Only) (6 heads or less and no work in remote area Only) Development # _____ Project # _____ Permit # _____
[THIS BOX FOR STAFF USE ONLY]	

Permit Fees paid at time of application are **NON-REFUNDABLE**

(Standard: Total fee due at application)
 Permit \$150 and Test Inspection \$150

(Quick Start: Total fee due at application)
 Permit \$150

NOTE: **Standard Permit** submittals for review need to include (2) copies of stamped plans. Specifications, and applicable calculations. **Quick Start Permit** submittals need to include (2) copies of stamped plans, specifications & declaration of work not occurring in remote area.

*** If you want an approved copy returned, please enclose a self-stamped, addressed envelope.**

Project Name/Tenant _____	Bldg Permit # _____
Site Address _____	Unit/Bldg/Suite # _____
Complex Name _____	Tax Parcel # _____

Contractor Name _____	Phone # _____
Contact Name _____	Fax # _____
Business Address _____	City _____ State, ZIP _____
State License Number _____	State License Expiration Date _____
e-mail address _____	Concord Business License # _____

~ SCOPE OF WORK ~

New System(s):

Number of Heads _____	Number of Risers/Supplies _____
Fire Pump? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, quantity _____
	Number of Standpipe Systems _____

Modification to existing system(s):

Number of Risers affected _____	Number of heads added, deleted, relocated _____
Do your plans conform to the requirements of NFPA 13, Plans & Calculations? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If no, why? _____	

Description of work (be specific, if necessary use the back of this form):

- Failure to provide any necessary information may result in delay of the review process or rejection of your application.
- Failure to obtain a valid permit to working on a system will result in a doubling of your permit fees and a stop work order issued on the job.
- A valid permit and approved plans for a standard permit, or a reference copy for a quick start, must be at the job site prior to scheduling your final inspection.
- Please allow a minimum of two weeks for Concord Fire & Life Safety review process.

I understand that all applicable codes apply. Errors and/or omissions on the plans and corrections from field inspections are the responsibility of the owner/contractor. All work is subject to the compliance with City of Concord ordinances and laws of the State of North Carolina.

SIGNATURE	
PRINT NAME (Applicant) _____	PHONE _____
	DATE _____



CONCORD FIRE & LIFE SAFETY

Fire Prevention Bureau

FIRE EXTINGUISHING SYSTEM PERMIT APPLICATION

Submit at:			
Concord Fire & Life Safety	Development #	_____	
Fire Prevention	Project #	_____	
100 Warren C. Coleman Blvd N.	Permit #	_____	
Concord, NC 28026			
(704) 920-5517; fax (704) 782-3488		[THIS BOX FOR STAFF USE ONLY]	

Permit Fees paid at time of application are **NON-REFUNDABLE**
 (Standard: Total fee due at application)
 Permit \$150 and Test Inspection \$150

*** If you want an approved copy returned, please enclose a self-stamped, addressed envelope.**

Project Name/Tenant _____	Bldg Permit # _____
Site Address _____	Unit/Bldg/Suite # _____
Complex Name _____	Tax Parcel # _____

Contractor Name _____	Phone # _____
Contact Name _____	Fax # _____
Business Address _____	City _____ State, ZIP _____
State License Number _____	State License Expiration Date _____
e-mail address _____	Concord Business License # _____

~ TYPE OF WORK ~

NOTE: Submittals for review need to include **three** copies of stamped plans, specifications, and applicable calculations.

Type of Fixed Extinguishing System:

A device is defined as: fusible link, nozzle, manual pull station, or agent cylinder.

- | | | |
|---|--------------------|-----------------------|
| <input type="checkbox"/> Kitchen Hood | # of devices _____ | Releasing Panel _____ |
| <input type="checkbox"/> Clean agent system (FM200) | # of devices _____ | Releasing Panel _____ |
| <input type="checkbox"/> Other _____ | # of devices _____ | Releasing Panel _____ |

Description of work (be specific, if necessary use the back of this form):

NOTE: A separate fire alarm permit is required for the connection of any fire protection system to a new or existing fire alarm system.

I understand that all applicable codes apply. Errors and/or omissions on the plans and corrections from field inspections are the responsibility of the owner/contractor. All work is subject to the compliance with City of Concord ordinances and laws of the State of North Carolina.

	SIGNATURE	
PRINT NAME (Applicant)		PHONE
		DATE



CONCORD FIRE & LIFE SAFETY

Fire Marshal's Office

OPERATIONAL PERMIT APPLICATION

APPLY TO: Concord Fire & Life Safety
Fire Marshal's Office
100 Warren C. Coleman Blvd N. (Station #3), Concord, NC 28026
(704) 920-5517; fax (704) 782-3488

Permit Fees paid at time of application are **NON-REFUNDABLE**
(Total fee due at Application)
Payable to City of Concord

Project Name/Tenant _____	Unit/Bldg/Suite # _____
Site Address _____	Phone # _____
Complex Name _____	_____

Contact Person _____	Phone # _____
Mobile # _____	Fax # _____
Mailing Address _____	City _____ State, ZIP _____
State License Number _____	State License Expiration Date _____
e-mail address _____	Concord Business License # _____

Place a (X) check mark on the permit which you are applying for:
ONE PERMIT TYPE PER APPLICATION

<input type="checkbox"/> \$150 Amusement Buildings	<input type="checkbox"/> \$300 Fumigation/Thermal Insecticide Fogging
<input type="checkbox"/> \$100 Blasting – One Day Only	<input type="checkbox"/> \$150 Hazardous Materials
<input type="checkbox"/> \$300 Blasting – 90 Days	<input type="checkbox"/> \$100 Hydrant Flow
<input type="checkbox"/> Burning (Fire Official Approval Required)	<input type="checkbox"/> \$150 Industrial Ovens
<input type="checkbox"/> \$300 Carnivals & Fairs	<input type="checkbox"/> \$150 Liquid & Gas Fueled Vehicles or Equipment in Assembly Buildings
<input type="checkbox"/> \$150 Compressed Gases	<input type="checkbox"/> \$300 Pyrotechnic Special Effects Material
<input type="checkbox"/> \$150 Covered Mall Buildings	<input type="checkbox"/> \$150 Spraying & Dipping
<input type="checkbox"/> \$150 Exhibits & Trade Shows	<input type="checkbox"/> \$_____ Temporary Membrane Structure, Tents & Canopies (Total Square Ft. x .01 + \$50) per tent
<input type="checkbox"/> \$300 Fireworks Display (Outdoor/Indoor)	<input type="checkbox"/> \$250 Above / Underground Storage Tank Installation Install / Removal
<input type="checkbox"/> \$150 Flammable & Combustible Liquids	<input type="checkbox"/> Other _____

Scope of Work (Description): _____

** If Applicable, please attach site plan and specifications

SIGNATURE _____

PRINT NAME (Applicant) _____ DATE _____ PHONE _____