



# Lauderdale-By-The-Sea Volunteer Fire Department

<b>S.O.P Number: 1100</b>	<b>Effective Date: May 1, 2010</b>
<b>Section:</b>	
<b>Subject: Fire Prevention</b>	
<b>By Order of the Fire Chief: Steven Paine</b>	

## Section 1400: Fire Prevention

### Scope and Purpose

The Town of Lauderdale-by-the-Sea Fire Prevention Bureau will work to promote public safety by the administration of Fire Codes and Standards. The Bureau will assure compliance with State and County regulations to maintain a fire safe community and reduce the loss of life and property through public education, regular building inspections and prompt detection of code violations.

#### A. Application

Fire inspections performed by Town employees, volunteers and contract employees will be conducted in compliance with the requirements of these policies and in conformance with Florida State law, the rules of the State Fire Marshal's office, the Florida Fire Prevention Code, including the Broward County Amendments and the Ordinances of the Town of Lauderdale-by-the-Sea and by the procedures set forth in this policy manual.

#### B. The Lauderdale-by-the-Sea Fire Prevention Bureau is established under the direction of the Fire Chief. The function of the Bureau shall be to assist the Fire Chief in the administration and enforcement of the Fire Protection requirements of the Code.

#### C. Annual Fire Safety Inspections will be conducted by personnel certified under Florida Statutes 633.081(2)

(a) A "Fire Safety Inspector" is an individual certified by the Division of State Fire Marshal, and the Broward County Board of Rules and Appeals per the Broward County Amendments section F-4, officially assigned the duties of conducting fire safety inspections of buildings and facilities on a regular and recurring basis, investigating civil infractions relating to fire safety, and issuing citations pursuant to Florida Statute 633.052 on behalf of the Town of Lauderdale-by-the-Sea.

(b) "Citation" means a written notice, issued only after a written warning has been previously issued and a minimum time period of 45 days from the date of the issuance of the warning, whereby the party warned may correct the alleged violation.

(c) If, during the conduct of a fire safety inspection authorized by ss. 633.081, it is determined that a violation exists which poses an immediate danger to the public health, safety or welfare, the Fire Safety Inspector, in conjunction with the Lauderdale-by-the-Sea Fire Marshal or the Fire Chief may issue an order to vacate the building in question, which order shall be immediately effective and shall be an immediate final order.

#### D. A firefighter certified pursuant to s. 633.35 may conduct fire safety inspections, under the supervision of a certified fire safety inspector, while on duty as a member of the fire



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department conducting in-service fire safety inspections without being certified as a fire safety inspector, if such firefighter has completed an in-service fire department company inspector training program of at least 24 hours' duration as provided by the Lauderdale-by-the-Sea Fire Prevention Bureau.

- E. The Fire Chief designates the Chief of the Fire Prevention Bureau, the Fire Marshal, as the principal enforcing officer of the Fire Codes with the responsibility for the administration of and enforcement of the Code.
- F. The Fire Prevention Bureau shall have the duty and responsibility to evaluate the safety of building construction proposed within the Town. Prior to the issuance of any permit for construction, erection, alteration, repairs or demolition, the Bureau shall review all plans and/or specifications for compliance with the requirements of the Code.
- G. Permits issued by the Fire Prevention Bureau will be accompanied by fees that have been published in the fee schedule adopted by the Lauderdale-by-the-Sea Board of Commissioners.
- H. The Fire Prevention Bureau will determine, upon inspection by qualified personnel, if the conditions created by permitted construction are according to the plans that were approved in the permit review. Acceptance of fire and life safety features in buildings after performance objectives are met is required, prior to a Certificate of Occupancy being issued.
- I. The Fire Prevention Bureau will reduce the demand for fire suppression, reduce the severity of accidental fire and increase the level of protection for the lives and property of the citizens of and the visitors to Lauderdale-by-the-Sea by:
  - a. The application of management principles to control loss through enforcement of fire and life safety codes, ordinances, permits and inspections
  - b. Assistance to local industry and citizens through timely review of building plans and applications for permits in order to enhance the understanding of the requirements of fire and life safety codes.
  - c. The review of proposals for new or rehabilitated properties so that minimum protection standards for access, water supply, fire resistive construction, exits and building egress, fire protection equipment and control of hazardous materials and processes.
  - d. The conduct of building and permit inspections for safety on a regular and recurring basis to promote compliance with appropriate codes and ordinances.
  - e. Personnel and procedures to determine the cause and origins of fire and the establishment of a system to assist in the apprehension and prosecution of those responsible for arson or fires of an incendiary origin.
  - f. Cooperation in efforts to mitigate the hazards associated with hazardous materials.
  - g. Participation with business in local and state initiatives to streamline the regulatory process.
  - h. A means to assist local business and industry with their in-house fire prevention programs
  - i. Participation with community groups in a comprehensive fire safety and fire education programs.
  - j. Sponsorship of annual fire safety awareness programs in conjunction with national fire prevention organizations and private initiatives.
  - k. Fire and life safety information materials and to notify the public of particular or unusual hazards, including weather or credible threats to life or property.
  - l. The appropriate meetings, talks, tours demonstrations and instruction regarding fire safety and suppression.
  - m. Good relations with the news media to provide public information in regard to public safety



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- n. The development and maintenance of record keeping systems to provide information for operational and management analysis.
- o. The review of new regulations and legislative requirements that affect program objectives
- p. Cooperating with other agencies and organizations when addressing issues that affect the functions of the Fire Prevention Bureau.
- q. Participation in programs that will maintain a favorable evaluation and rating from the ISO Rating Schedule.
- r. The participation in Emergency and Disaster Preparedness planning at all levels of government and the Town's Emergency Management Program.

## Section 1101 – Inspections

### Typical new construction inspection activities

#### Thrust Block Inspection

This inspection insures that underground mains are properly installed and secured to prevent movement caused by the sudden change of water pressure at the change of direction in the pipe (water hammer.) The Inspector will verify the correct location of system components, including hydrants and that the trench is of sufficient depth (36 inches measured from the top of the pipe.) This inspection can be conducted concurrently with the underground hydrostatic inspection. The inspector will insure that all components of the system are not subject to damage by contact with concrete, coral, coquina, large rocks, metal or other pipes.

#### Underground Hydrostatic Inspection

The inspector will verify that the pipe, gaskets and restraint systems are of the types that were approved in the permit. Underground mains are tested at a pressure of 200 psi for two hours. Minimum leakage is allowed during this test. All joints should be visible for inspection and the amount of leakage is determined by the number of joints. Refer to NFPA 24 to calculate the allowable limits. If after 2 hours the test gauge shows a loss in pressure, the amount of leakage can be determined by the addition of water. Careful measurement of the amount of water that is necessary to restore the pipe to its test pressure will determine the amount of leakage. The amount of leakage, if acceptable, should be noted on the test papers supplied by the licensed underground contractor and made part of the record of inspections. A successful underground hydrostatic test will allow the pipe to be buried using clean fill. The inspector will verify that the fill material does not contain abrasive or corrosive materials; screened coarse sand is the preferred fill material.

#### Underground Flush Test

This inspection insures that all foreign objects that may be in the pipe are removed. Dirt and debris will discolor the discharged water and it is necessary to flow the pipes with all valves in the fully open position. The test should proceed until clear water is observed at the open end of the pipe. It may be necessary to construct a flume to divert the water from landscaping, building materials or traffic. The inspector should visit the site of the test and advise the licensed underground



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contractor of the preferred arrangement. Notify the water utility in advance of the test to avoid any alarms that may be activated in the water system and invite them to witness the test. They will need to account for the amount of water lost to the system.

## **Fire Sprinkler Rough Inspections**

Fire sprinkler rough inspections will verify that the system components, pipes, hangers threads, glue, etc. are of types that were specified in the permit application. All piping and associated equipment should be installed in a workmanlike manner consistent with sound principles of engineering. No damaged pipe should be installed, excessive glue should not drip from joints, hangers should be secure and close enough to support the weight of the pipe. Pipe dope should be used only on the male threads to avoid causing debris to form inside the pipe. The pipe should be secured from lateral movement and the weight of the pipe should be supported by hangers and not the pipe elbows. Plastic pipe should not come into contact with metal studs and should be protected with gaskets. Hangers and pipe should not come into contact with any other materials including ductwork, other plumbing and building components except where necessary to install in the approved manner. NFPA 13 and 13R components are required to be listed. 13D components are required to be in accordance with the standards established by the plumbing code and manufacturer's instructions. A second rough inspection may be necessary to verify sprinkler head placement after framing but before insulation and drywall is installed.

## **Fire Sprinkler Aboveground Flush**

This inspection ensures that all debris is removed from sprinkler piping before the sprinkler heads are installed. The inspector witnesses that the fire system is piping flushed. The procedure is to flow water under pressure through the system while the inspector is present, the most remote sprinkler head location is preferred. The inspector checks head placement for coverage during this inspection and that all heads are secure from vertical movement.

## **Fire Sprinkler Hydrostatic Inspection**

This inspection checks for leaks and pressure loss over a two hour time period after the sprinkler heads are installed. The test shall be done at no less than 200 psi in NFPA 13 and 13R systems. The inspector should carefully examine all joints for any leakage. No amount of leakage is acceptable during this test. If the pipes are found to be free of leaks or drips, the pressure is released and the gauge is observed to return to the zero pressure mark. Only new gauges should be used for this test.

## **Standpipe Flow Test**

This inspection verifies that the required flow is available at the standpipe outlets (hose stations.) If a Fire Pump is included in the system, it will be necessary to run the pump during this test. Procedures will differ for each system. Generally, a pitot gauge is attached to an outlet on the roof manifold and the valve is opened. Once the air is expelled and the water flows steadily, a reading is taken and the number is entered into the formula used to determine fire flow from a hydrant. This procedure should be performed at each outlet on the roof. If no roof manifold is installed an



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acceptable method is to attach a 2 ½ inch hose to the standpipe and flow the water through the open end of the hose that has been secured to a building element. Caution should be used to avoid water damage to the building. It may be necessary to request assistance, well in advance, from the Shift Captain or officer in charge to perform this test.

## **Rated Wall Rough Inspection**

The inspector verifies that the correct wall board is used and that the pattern of screws is according to the approved design. This inspection is performed before tape and joint compound is used or finishes are applied. Gaps or holes should not be observed on any surface except where the drywall is attached to the studs and channels and those gaps should be minimal. The inspection will verify that the stud channels are continuous at the floor and ceiling and that any electrical outlets facing opposite walls and sharing the same space created by the studs are protected with intumescent material (putty pad.) Joints between walls and ceilings and floors are also required to be fire-stopped in an approved manner.

## **Rated Assembly Penetrations**

Penetrations through rated assemblies are required to be sealed in an approved manner. Refer to shop drawings for the approved method for each type assembly and each type of penetration and verify that the products used are of the approved type. Generally, plastic pipe greater than 1 ½ inches will require a fire collar and all through penetrations will penetrate the wall or floor at a 90 degree angle. It is not generally required to rate penetrations in exterior walls. A two hour wall will require a two hour penetration, etc. If grout is specified for steel pipe only non-shrink, non-metallic 3,000 psi grout is acceptable, mortar mix or concrete cannot be used to seal penetrations. Always consult the manufacturer's instructions for correct installation.

## **Fire Damper**

Whenever an air duct, supply or return, penetrates a rated assembly, a fire damper is required to be installed. The damper may be activated by a spring-loaded fusible link or electrically. The approved devices should be reviewed before a permit is issued and the inspector will verify that the correct devices are used. Carefully follow the manufacturer's instruction. No gaps should be observed around the damper and if non-intumescent sealant is used, verify that it has a low flame spread rating. Dampers should be randomly tested by releasing the fusible link and letting the vane close. The damper should close forcefully and not require any form of lubricant or graphite. Dampers are required to be accessible for testing and it is often necessary to have access panels installed in the duct work for maintenance.

## **Fire Alarm Rough**

This inspection is to ensure that the major components of the alarm system, such as the control panel and enunciator are installed in the approved locations. The type of wiring and the location of



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pull stations, strobes and smoke and heat detectors will be installed in the correct locations. Often, an electrical contractor will install the conduit and junction boxes with little regard to the requirements of the code. There are specific locations for detectors in elevator lobbies and ceilings. Any details that were overlooked on the plans are double checked and the inspector verifies that the devices will be installed at the correct height, per code, and will not be obstructed by building elements. The alarm installer should be instructed that devices for outdoor locations will be approved for outdoor use and approved weatherproof boxes will be required. The Broward County Electrical inspector should accompany the inspector for the rough inspection.

### **Fire Alarm Acceptance Test**

This inspection verifies that **all** initiation and notification devices are working properly. All fire alarm devices are tested, including supervisory signals. Supervisory signals from tamper switches, power failure, pump running, etc. should not activate a general alarm but notify, through central station monitoring, the building owner and activate a signal at the panel. Programmed tests of the Fire Pump should not activate a general alarm. The alarm contractor should work closely with the sprinkler contractor to ensure that the systems connect and send the correct signals. The water flow switches on each floor should transmit the correct address to the FACP. The Alarm contractor may be required to send a letter stating that all the required systems and devices are working before requesting a final inspection. All construction activities should be concluded before active monitoring of the building is established. The building owner should be instructed on the operation of the system and local protocols, such as false alarm penalties. If the tests of all devices and systems are acceptable, notify Broward County Dispatch and the central station monitor that a live test will be conducted but no fire equipment of Fire Department response is requested. Activate a device and call County dispatch to verify the signal and the correct building address after a brief period, two or three minutes. County Dispatch should have the location in the building of the device that was activated. For instance, the County should be able to communicate “pull station first floor” to the Fire Department with the correct building address and the name of the building.

### **Fire Pump Acceptance**

For this inspection, visually inspect all valves, plumbing, gauges etc. for correct orientation, secure mounting and accessibility. A third party testing agency will test the output of the pump. A test manifold is attached to the pump and the equipment is activated. A capacity test is performed and the pump is required to pump 150 percent of its rated capacity in GPM. For example, the test header of a thousand GPM pump will have four outlets and be required to pump 1500 GPM. The suction side of the water supply should not drop below 30 psi. Check with the water company for their protocols. If the pressure in the water system drops below 20 psi, a boil water notice is required to be sent to all water customers on that part of the system. The water company should be invited to witness the test. The testing company will verify the test results and produce a graph of the performance of the pump. The test papers should be placed in the building file. It is also necessary to test the power supplies. Electrical pumps are required to have two sources of power. The switch gear will operate automatically and manually. If an emergency generator is installed, it should be tested as well. The test is done with the generator shut off in standby mode. Disconnecting the power supply will cause the generator to start and run the fire pump. The power



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company and the electrical contractor should be present for this test. It may be advisable to test the operation of emergency power at this time. The Building Dept. should be able to assist. Emergency generators are used for emergency lighting and elevators in case of a power failure and will activate automatically in a power interruption within 10 seconds. This is a complex series of tests and patience is advised. Minor adjustments will be made and easily correctable faults should be remedied. The water supplies are critical for the pump test. Make sure that all underground water supply valves are open and remain open at the conclusion of the test.

## **Hood Exhaust Ducts**

This inspection is to document that duct work to ventilate grease laden vapors is installed according to plans. Check that all welds and seams are air tight and that light will not pass through welded seams. Inspectors should check that the steel is of the proper gauge and material, aluminum is not used nor is epoxy sealer or caulk. The clearance from combustible materials should be within limits as specified in the material "cut sheets". Carefully check the plans and the materials used for insulation. Exhaust hoods should be hung securely from supporting beams and installed as near to level as possible. Hoods should not obstruct sprinkler heads. Mechanical ventilation that is installed is either of the vertical or horizontal type. The equipment should not be installed at an angle. The exhaust fan should be able to swing on a hinge for cleaning and there should be an outdoor type electrical outlet installed above the roof to plug in cleaning equipment. Make up air supply generally cannot be located closer than 10 feet from exhaust outlets. Check NFPA 96 for code requirements.

## **Hood Fire Suppression System**

During this inspection the licensed contractor will demonstrate the function of the fire suppression equipment inside the hood in case of an accidental fire. Activation of the system is manually or by a fusible link. Upon activation, extinguishing agent is released, the power or fuel supply to the appliances is shut off and the makeup air fan shuts down, the exhaust fans continue to operate. A pressure vessel containing compressed gas is substituted for extinguishing agent for the test. Verify that nozzle placement is according to code and that the correct orifice sizes have been installed. A connection to the building fire alarm is not usually made through the suppression system. In order to restore power to the appliances and the hood, it will be necessary to contact the fire suppression equipment installer. It is not permitted to operate appliances under a hood without fire protection. At the conclusion of the test the installer affixes an inspection tag with the date of the test. A sign with operating instructions should be placed adjacent to the manual activation pull station. The "K" type fire extinguisher that is required for kitchens is used after the hood system has been activated. The kitchen staff should be given instruction in the operation of the system.

## **Fuel Tanks**

This inspection is required to verify that the location of the tank, the vents and piping are according to plans. Aboveground tanks should be protected from impact and securely anchored. Placards should be according to NFPA 704 and a stencil should indicate the type of fuel and the gallonage. Underground tanks are required to be installed at a minimum distance from several and various types of buildings and property lines. Check site plans and measure distances from tank fill



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locations. Underground tanks should be inspected before they are buried. Tanks in salty environments require additional protection from corrosion.

## **Final Fire Inspection**

In new construction, after the fire alarms, fire sprinklers, emergency generators, elevators, kitchen hoods, fire walls and all other systems have been inspected a Life Safety fire final is required. Exit signs, door locks, building services such as pressurized stairwells and emergency exits are inspected and tested. Inspectors will look for loose railings, trip hazards, door closers on fire doors, door swing direction, the building address, unit numbers and smoke detectors in living units. Emergency lighting and exit signs should be tested by shutting off the power supply. Portable fire extinguishers are located and examined for signage and inspection tags, only tags that are good for at least one year are acceptable. Inspectors should inspect all sprinkler heads for paint contamination and obstructions, all alarm notification devices for visual obstructions and pull stations for encumbrances. Fire lane signage should be inspected for size and location and obstructions, elevated entrance ramps should be readily accessible by equipment and have signs indicating their load bearing capacity. Security gates at access points should be tested for accessibility via a siren activated system or Knox key. It is advisable to notify the Fire Dept that the building is finalized and to conduct a tour, a demonstration of the fire protection systems and the location of essential equipment such as the Fire Command. The duty crew could assist with the installation of the keys in the Knox box at this time.

## **Section 1102 – Fire Hydrant Flow Test Procedure**

### Wet barrel hydrants

1. Attach a pressure gauge to 2 ½ inch outlet on the hydrant and open the hydrant valve.
2. Turn on the small valve on the gauge and record the reading, this is the static pressure. Shut the hydrant valve and bleed off the pressure.
3. Attach a pressure gauge to an adjacent hydrant (hydrant 2).
4. Turn on the second hydrant and record the reading.

### **Notes:**

We are taking a pressure reading, not flowing the second hydrant. The static readings taken at the hydrant and secondary location should be the same, plus or minus about a half pound per foot of elevation difference.



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5. Shut the hydrant valve and bleed off the pressure, completely open the outlet to which the diffuser is attached, a 45 degree 2 ½ inch elbow will serve as a diffuser. Direct the stream away from landscaping or pedestrians.
6. Observe and record a pitot reading by inserting the pitot gauge into the center of the column of water. The inlet for the gauge should be placed a distance from the opening equal to the diameter of the opening.
7. Record the residual pressure on the hydrant cap gauge.
8. Take and record the residual pressure at the secondary location.
9. Close the hydrant slowly being careful not to cause a "water hammer" and spike the pressure on the cap gauge above the normal static pressure.
10. Verify that all valves closed properly, are not seeping or leaking, and that the hydrant is ready for service.
11. Carefully bleed off the pressure from hydrant 2 before removing the pressure gauge
12. Calculate the hydrant flow using a calculator designed for fire hydrant inspections, a reference chart or manually calculate the flow using the algebraic formula.

Testing is a good time to inspect caps, paint, color codes, street markings, the condition of the threads, any obstructions and other aspects of the hydrant, recording items which need attention so that follow-up service can be scheduled. It may be advisable to give the hydrant a number and mark it with a permanent marker below the top flange.

### Section 1103 - Plan review

A code “footprint” establishes a graphic submittal format for every newly constructed building, new building addition, and changes in occupancy, or significant building renovation. The code footprint will record and map exiting features and provides key performance information for fire and life safety features throughout the life span of a building. A code footprint should be submitted in the early plan development stages of a construction project to the Fire Prevention Bureau for acceptance.

A written review dealing with the adequacy of life safety features relative to fire, storm, building collapse, crowd behavior, and other related safety considerations will be submitted as a Life Safety Evaluation.

The following plan submittal requirements should be shown:

- (1) The Schematic floor
- (2) Graphic bar scale
- (3) North indicator
- (4) Complete building floor plan with clear identification of new, remodeled, and existing portions
- (5) All permanent partitions taller than 6 ft (1.8 m)
- (6) Each room and space labeled with plain text, keynotes, or legends
- (7) Occupant load of assembly rooms and total for each floor level
- (8) Stair and shaft enclosures and ratings along with identification of openings.
- (9) Rated corridors and openings with identification of openings and ratings



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- (10) Occupancy and area separations
- (11) Horizontal exit arrangements, exit passageways, smoke compartments
- (12) Designated required exterior exits and capacity
- (13) Fire department connections (hydrants, exterior standpipe or sprinkler system), and access roads to building
- (14) Access to property and buildings
- (15) Power and fuels shutoff locations (shunt trip(s) and service areas)
- (16) Small scale site plan when available
- (17) Distances to exposures and property lines
- (18) Grade elevation at each corner
- (19) Any special hazards or conditions
- (20) Location of any planned additions

The following information should be in the narrative, on the cover sheet or in project notes:

- (1) Project construction purpose: New, addition, change in use, renovation, or other
- (2) Reason for submittal: Building permit and certificate of occupancy, new licensure, or Plan of Correction for existing code deficiencies
- (3) Codes of record and other requirements or regulations (i.e. FPC 2007, NFPA 13 2007)
- (4) Building location or address
- (5) Owner and facility name
- (6) Date developed and revision dates
- (7) Designer's information (name, address, and phone number)
- (8) Designer's seal (RA or PE)
- (9) Name of responding fire services
- (10) Name of local building codes jurisdiction
- (11) Occupancy type (s)
- (12) Type of construction
- (13) Total floor area of each occupancy actual versus allowable
- (14) Structural code requirements such as the following:
  - (a) Height:
    - i. Structural fire ratings actual versus allowable
    - ii. Identification of active fire protection features such as: type of automatic suppression systems and locations; fire alarm signaling systems; emergency lighting and power features; smoke control system
  - (b) Decision matrix
  - (c) Hazardous Materials identified by the fire code hazard class:
    - i. In-storage: inside; outside
    - ii. In-use-open systems: inside; outside
    - iii. In-use-closed systems: inside; outside
  - (d) Water supply requirements of the facility for fire suppression
  - (e) Alternative design and/or methods of construction
  - (f) Modifications of codes and board of appeals case number

For new construction, modification, or rehabilitation, construction documents and shop drawings shall be submitted, reviewed, and approved prior to the start of such work.



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The applicant shall be responsible to ensure that the following conditions are met:

- (1) The construction documents include all of the fire protection requirements.
- (2) The shop drawings are correct and in compliance with the applicable codes and standards.
- (3) The contractor maintains an approved set of construction documents on site.

The Fire Prevention Bureau will review construction documents within established time frames for the purpose of acceptance or providing reasons for non-acceptance.

Review and approval by the Fire Prevention Bureau shall not relieve the applicant of the responsibility of compliance with applicable Codes.

Revised construction documents or shop drawings shall be prepared and submitted for review and approval to illustrate corrections or modifications necessitated by field conditions or other revisions to approved plans.

## **Public Fire Education**

The Bureau shall have the authority to develop and implement a public fire safety education program as deemed necessary for the general welfare with respect to the potential fire hazards within the Town of Lauderdale-by-the-Sea. The Fire Prevention Bureau shall have the authority to ensure duly authorized public fire safety education programs or public fire safety messages are disseminated to the public.

## **Section 1104 - Inspection of Construction and Installation**

The Bureau shall be notified by the person performing the work when the installation is ready for a required inspection. Whenever any installation subject to inspection prior to use is covered or concealed without having first been inspected, the inspector shall have the authority to require that such work be exposed for inspection. When any construction or installation work is being performed in violation of the plans and specifications as approved by the Bureau, a written notice shall be issued to the responsible party to stop work on that portion of the work that is in violation. The notice shall state the nature of the violation, and no work shall be continued on that portion until the violation has been corrected.

## **Stop Work or Evacuation.**

The Bureau shall have the authority to order an operation or use stopped and the immediate evacuation of any occupied building or area when such building or area has hazardous conditions that present imminent danger. Whenever any work is being done contrary to provisions of this Code, the Bureau is hereby authorized to order such work stopped. Such work shall immediately stop until authorized to proceed.



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## **Standby Fire Personnel**

The Bureau shall have the authority to require standby fire personnel or an approved fire watch when potentially hazardous conditions or a reduction in a life safety feature exist due to the type of performance, display, exhibit, occupancy, contest or activity, an impairment to a fire protection feature, or the number of persons present. The owner, agent, or lessee shall employ one or more qualified persons, as required and approved, to be on duty. Such standby fire personnel or fire watch personnel shall be subject to the Fire Chief's orders at all times and shall be identifiable and remain on duty during the times such places are open to the public, when such activity is being conducted, or as required by the Bureau.

## **Section 1105 – Permits and Approvals**

The Bureau shall be authorized to establish and issue permits, certificates, notices, approvals, or orders pertaining to fire control and fire hazards. Applications for permits shall be made to the Bureau on forms provided by the Town of Lauderdale-by-the-Sea and shall include the applicant's answers in full to inquiries set forth on such forms. Such data as required and fees as specified in Town ordinances shall accompany applications for permits. The Bureau shall review all applications submitted and issue permits as required. If an application for a permit is rejected, the applicant shall be advised of the reasons for such rejection. Permits for activities requiring evidence of financial responsibility by the jurisdiction shall not be issued unless proof of required financial responsibility is furnished. The Bureau shall be authorized to require design submittals to bear the stamp of a professional engineer.

## **Misrepresentation**

Any attempt to misrepresent or otherwise deliberately or knowingly design; install; service; maintain; operate; sell; represent for sale; falsify records, reports, or applications; or other related activity in violation of the requirements prescribed by the Codes and ordinances shall be a violation of the Code. Such violations shall be cause for immediate suspension or revocation of any related licenses, certificates, or permits issued by the Town of Lauderdale-by-the-Sea. In addition, any such violation shall be subject to any other criminal or civil penalties as available by the laws of this jurisdiction.

A permit shall be predicated upon compliance with the requirements of this Code and shall constitute written authority issued by the Fire Prevention Bureau to maintain, store, use, or handle materials, or to conduct processes that could produce conditions hazardous to life or property, or to install equipment used in connection with such activities. Any permit issued under this Code shall not take the place of any other license or permit required by other regulations or laws of the State of Florida or Broward County. Where additional permits are required by other agencies, approval shall be obtained from those other agencies. The Fire Prevention Bureau shall have the authority to require an inspection prior to the issuance of a permit. A permit issued by the Town of Lauderdale-by-the-Sea shall continue until revoked or for the period of time designated on the permit.

The permit shall be issued to one person or business only and for the location or purpose described in the permit. Any change that affects any of the conditions of the permit shall require a new or amended permit. The Bureau shall have the authority to grant an extension of the permit time



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period upon presentation by the permittee of a satisfactory reason for failure to start or complete the work or activity authorized by the permit. A copy of the permit shall be posted or otherwise readily accessible at each place of operation and shall be subject to inspection. The permittee or the permittee's agents or employees in compliance with all requirements of the Town of Lauderdale-by-the-Sea, applicable, shall conduct any activity authorized by any permit issued thereto and in accordance with the approved plans and specifications. No permit issued by the Bureau shall be interpreted to justify a violation of any provision of the Codes adopted by the Town of Lauderdale-by-the-Sea or any other applicable law or regulation. Any addition or alteration of approved plans or specifications shall be approved in advance, as evidenced by the issuance of a new or amended permit. Permits shall be issued by the Bureau and shall bear the name and signature of the authorized agent or employee or that of the Town of Lauderdale-by-the-Sea's designated representative. In addition, the permit shall indicate the following:

- (1) Operation or activities for which the permit is issued
- (2) Address or location where the operation or activity is to be conducted
- (3) Name and address of the permittee
- (4) Permit number and date of issuance
- (5) Period of validity of the permit
- (6) Inspection requirements

Any application for, or acceptance of, any permit requested or issued pursuant to these specifications shall constitute agreement and consent by the person making the application or accepting the permit to allow the Fire Prevention Bureau or its employees or agents to enter the premises at any reasonable time to conduct such inspections as required by the Codes and ordinances.

## **Revocation or Suspension of Permits**

The Fire Prevention Bureau shall be permitted to revoke or suspend a permit or approval issued if any violation of the adopted Codes and ordinances is found upon inspection or in case any false statements or misrepresentations have been submitted in the application or plans on which the permit or approval was based. Revocation or suspension shall be constituted when the Bureau duly notifies the permittee. Any person who engages in any business, operation, or occupation, or uses any premises, after the permit issued therefore has been suspended or revoked pursuant to the provisions of the Codes and ordinances, and before such suspended permit has been reinstated or a new permit issued, shall be in violation of the Code. The Fire Prevention Bureau shall make the final determination as to whether the provisions of the Codes have been met.

## **Right of Entry**

Upon presentation of proper credentials, the Fire Chief, Fire Marshal or any Fire Inspector may enter, at any reasonable time, any building, structure or premises for the purpose of making any inspection or investigation under the provisions of the Code, with the exception to private dwelling units. The Fire Chief, upon the complaint of any person or whenever he/she shall deem it necessary, shall inspect, or order an inspection any building or premises within the jurisdiction.



# Lauderdale-By-The-Sea Volunteer Fire Department

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## **Section 1106 – Notice of Violations and Penalties**

Whenever the Bureau determines violations of the Code, a written notice shall be issued to confirm such findings. Any order or notice issued pursuant to the Code shall be served upon the owner, operator, occupant, or other person responsible for the condition or violation, either by personal service, by mail, or by delivering the same to, and leaving it with, some person of responsibility upon the premises. For unattended or abandoned locations, a copy of such order or notice shall be posted on the premises in a conspicuous place at or near the entrance to such premises and the order or notice shall be mailed by registered or certified mail, with return receipt requested, to the last known address of the owner, occupant, or both or publication in a newspaper of general circulation wherein the subject premise is located. Any person, who mutilates, destroys, or removes posted orders or notices without the authorization of the Town of Lauderdale-by-the-Sea shall be subject to the penalties established by the jurisdiction. Any person who fails to comply with the provisions of the Code or who fails to carry out an order made pursuant of the Code or violates any condition attached to a permit, approval, or certificate shall be subject to the penalties established by the Town of Lauderdale-by-the-Sea. Failure to comply with the time limits of an abatement notice or other corrective notice issued by the Town of Lauderdale-by-the-Sea shall result in each day that such violation continues being regarded as a new and separate offense.

## **Section 1107 – Fire Cause and Origin**

The Fire Chief shall investigate the origin, cause and circumstances of every fire occurring within the jurisdiction. Such investigation shall begin immediately upon the occurrence of a fire, and the Fire Chief shall be immediately be notified of the facts. The Fire Chief shall take charge immediately of the physical evidence and shall notify the proper authorities designated by law to pursue the investigation of such matters. The Fire Chief shall further cooperate with the authorities in the collection of evidence and in the prosecution of the case.



# Lauderdale-By-The-Sea Volunteer Fire Department

## Lauderdale By-The-Sea Fire Department Command Staff

