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CITY OF BELLEVUE, WASHINGTON

ORDINANCE NO. 4653

AN ORDINANCE adopting the Uniform Fire Code, 1991 Edition, portions of the Appendix to the Uniform Fire Code, 1991 Edition, and the Uniform Fire Code Standards, 1991 Edition; repealing Section 1 of Ordinance No. 4074, Section 2C and 2E of Ordinance No. 4074, and Section 1 and Section 3 of Ordinance No. 4535 and Bellevue City Code Sections 23.11.010, 23.11.020, 23.11.040, 23.11.100, 23.11.101, 23.11.102, 23.11.103, 23.11.104, 23.11.1091, 23.11.1092, 23.11.1093, 23.11.1095, 23.11.110, 23.11.111, 23.11.112, 23.11.120, 23.11.140, 23.11.141, 23.11.142, 23.11.143, 23.11.144, 23.11.770, 23.11.771, 23.11.779, 23.11.781, 23.11.790, 23.11.820, 23.11.900, 23.11.905 and adding new Sections 23.11.010, 23.11.020, 23.11.040, 23.11.100a, 23.11.100b, 23.11.102, 23.11.103, 23.11.104, 23.11.1092, 23.11.1095, 23.11.110, 23.11.120, 23.11.140, 23.11.141, 23.11.142, 23.11.143, 23.11.144, 23.11.771, 23.11.779, 23.11.781, 23.11.790, 23.11.820, 23.11.900, 23.11.905 to the Bellevue City Code.

WHEREAS, the City Council desires to adopt the 1991 Uniform Fire Code and certain amendments, additions and exceptions thereto; and

WHEREAS, the City of Bellevue has complied with the State Environmental Policy Act and the City's Environmental Procedures Code; now, therefore,

THE CITY COUNCIL OF THE CITY OF BELLEVUE, WASHINGTON, DOES ORDAIN AS FOLLOWS:

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Section 1. The following sections of Bellevue City Code Chapter 23.11 are repealed:

23.11.010	23.11.143
23.11.020	23.11.144
23.11.040	23.11.770
23.11.100	23.11.771
23.11.101	23.11.779
23.11.102	23.11.781
23.11.103	23.11.790
23.11.104	23.11.820
23.11.110	23.11.900
23.11.111	23.11.905
23.11.112	23.11.1091
23.11.120	23.11.1092
23.11.140	23.11.1093
23.11.141	23.11.1095
23.11.142	

Section 2. A new Section 23.11.010 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.010 Adoptions.

The Uniform Fire Code, 1991 Edition; the Uniform Fire Code Appendix, 1991 Edition, Chapter I-C, II-B, II-C, II-D, III-A, III-B, III-C, IV-A, IV-B, V-A, VI-A, VI-B, and VI-D; and the Uniform Fire Code Standards, 1991 Edition; all published by the International Conference of Building Officials and the Western Fire Chiefs Association are adopted by reference thereto as though fully set forth herein. Not less than one copy of each such code, appendix and standards, in the form in which it was adopted and suitably marked to indicate amendments, additions, deletions and exceptions as provided herein, shall be filed in the City Clerk's office and shall be available for use and examination by the public.

Section 3. A new Section 23.11.020 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

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23.11.020 Amendment Adoption.

The following amendments, additions, deletions and exceptions to the Uniform Fire Code, 1991 Edition, Uniform Fire Code Appendix, 1991 Edition and Uniform Fire Code Standards, 1991 Edition, are adopted and shall be applicable within the City of Bellevue.

Section 4. A new Section 23.11.040 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.040 Uniform Fire Code Section 4.102 amended - Permit Fees.

Section 4.102 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

- (a) Scope. a permit constitutes permission to maintain, store, use or handle materials, or to conduct processes which produce conditions hazardous to life or property, or to install equipment used in connection with such activities. Such permission shall not be construed as authority to violate, cancel or set aside any of the provisions of this code. Such permit shall not take the place of any license required by law.
- (b) Expiration. A permit shall continue until revoked or for such a period of time as designated therein at the time of issuance. Permits shall not be transferable and any change in use, occupancy, operation or ownership shall require a new permit.
- (c) Compliance. Permit applicants and the applicants' agents and employees shall carry out the proposed activity in compliance with this code and other laws or regulations applicable thereto, whether specified or not, and in complete accordance with approved plans and specifications. Permits which purport to sanction a violation of this code or any applicable law or regulation shall be void and approvals of plans and specifications in the issuance of such permits shall likewise be void.
- (d) Permit Fees. A fee of fifty dollars (\$50.00) shall be charged for each type of permit (as defined in Uniform Fire Code Section 4.108) or each classification of hazardous material. Permits are either temporary, pertaining to an activity or process that will

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last a specific amount of time, usually less than 30 days; or Annual. All annual permits will expire one calendar year from the date of issuance.

Exceptions:

1. Any hazardous material with multiple classifications shall be charged only once.
2. No fees shall be charged for candles in a place of assembly, parade floats or the removal or abandonment in place of residential underground fuel oil tanks.
3. Fees shall be waived for government agencies and religious or non-profit organizations.
4. A fee of one hundred dollars (\$100.00) shall be charged for pyrotechnical special effects permits.

Section 5. A new section 23.11.100a is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.100a Uniform Fire Code Section 10.402 amended - Type of Water Supply.

Section 10.402 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

Section 10.402. Water supply may consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of supplying the required fire flow. In setting the requirements for fire flow, the Chief shall be guided by Uniform Fire Code Standard No. 10-3, Fire Flow Requirements for Buildings as adopted herein.

Section 6. A new Section 23.11.100b is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.100b Uniform Fire Code Section 10.403 amended - Fire Hydrants

Section 10.403 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

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The location, number and type of fire hydrants connected to a water supply capable of delivering the required fire flow shall be provided on the public street or on the site of the premises or both to be protected as required and approved by the chief. Fire hydrants shall be accessible to the fire department apparatus by roads meeting the requirements of Division II.

For fire safety during construction, alteration or demolition of a building, see Section 87.103(c).

Existing substandard hydrant installations which serve new construction shall be upgraded.

Section 7. A new Section 23.11.102 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.102 Uniform Fire Code Section 10.507(b) amended - Automatic fire extinguishing systems.

Section 10.507(b) of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

- (b) All Occupancies except Group R, Division 3 and Group M. Except for Group R, Division 3 and Group M Occupancies, an automatic sprinkler system shall be installed:
 - 1. In every story or basement of all buildings when the floor area exceeds 1,500 square feet and there is not provided at least 20 square feet of opening entirely above the adjoining group level in each 50 lineal feet or fraction thereof of exterior wall in the story or basement on at least one side of the building. Openings shall have a minimum dimension of not less than 30 inches. Such openings shall be accessible to the fire department from the exterior and shall not be obstructed in a manner that firefighting or rescue cannot be accomplished from the exterior.

When openings in a story are provided in only one side and the opposite wall of such story is more than 75 feet from such openings, the story shall be provided with an approval automatic sprinkler system, or openings as

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specified above shall be provided on at least two sides of an exterior wall of the story.

If any portion of a basement is located more than 75 feet from openings required in this section, the basement shall be provided with an approved automatic sprinkler system.

2. At the top of rubbish and linen chutes and in their terminal rooms. Chutes extending through three or more floors shall have additional sprinkler heads installed within such chutes at alternate floors. Sprinkler heads shall be accessible for servicing.
3. In rooms where nitrate film is stored or handled.
4. In protected combustible fiber storage vaults as defined in this code.
5. Throughout all buildings of four or more stories in height.
6. Throughout all buildings where the total floor area, including basements, exceeds 10,000 square feet. For purposes of this paragraph, portions of buildings separated by one or more area separation walls will not be considered a separate building. Existing buildings shall comply with this section when an addition is made to the building and the total floor area, including the basements, or the existing building and the addition combined exceeds 10,000 square feet, or when the value of a structural alteration or repair of an existing building 10,000 square feet in area or greater exceeds 50 percent of the assessed valuation of such existing building, or exceeds 50% of the recognized replacement cost of the structure, without consideration of depreciation, as determined under The Marshall Valuation Service Cost Handbook, whichever is greater.

Section 8. A new Section 23.11.103 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.103 Uniform Fire Code Section 10.507(c)1 amended - Drinking and dining establishments.

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Section 10.507(c)1 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

1. **Drinking and Dining Establishments.** An automatic sprinkler system shall be installed throughout Group A drinking or dining establishments when the total area of assembly uses and unseparated rooms exceeds 5,000 square feet. For uses to be considered as separated, the separation shall be not less than is required for a one-hour occupancy separation.

Section 9. A new Section 23.11.104 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.104 Uniform Fire Code Section 10.507(h) amended - Group R, Division 1 Occupancies.

Section 10.507(h) of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

- (h) **Group R, Division 1 Occupancies.** An automatic sprinkler system shall be installed throughout buildings that are two stories in height and contain five (5) or more dwelling units or guest rooms or that are three or more stories in height regardless of the number of dwelling units or guest rooms. For the purposes of this section, portions of buildings separated by one or more area separation walls will not be considered a separate building.

Residential or quick-response standard sprinkler heads shall be used throughout buildings. Attics shall be protected by automatic sprinklers in a manner approved by the Chief.

Section 10. A new Section 23.11.1092 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.1092 Uniform Fire Code Standards, Standard 10-1, Table No. 3-2.1 amended - Minimum size of extinguisher.

Table No. 3-2.1 of the Uniform Fire Code Standards. Standard 10-1, as adopted by this chapter is amended to read as follows:

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Table 3-2.1

	Light (Low) Hazard Occupancy	Ordinary (Moderate) Hazard Occupancy	Extra (High) Hazard Occupancy
Minimum est. rating	2A	2A	4-A*
Maximum floor area per unit of A	1500 sq. ft.	1500 sq. ft.	1000 sq. ft.
Maximum floor area 11250 sq. ft. per extinguisher	11250 sq. ft.	11250 sq. ft.	11250 sq. ft.
Maximum travel distance 75 ft. to extinguisher	75 ft.	75 ft.	75 ft.

*Two 2-1/2 gallon water type extinguishers can be used to fulfill the requirements of one 4-A rated extinguisher.

Section 11. A new Section 23.11.1095 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.1095 Special Requirements for High-Rise Buildings.

In addition to the requirements for high-rise buildings specified in UBC Section 1807 and amendments contained in Bellevue City Code Chapter 23.10, the following special requirements shall apply to high-rise buildings.

- A. Elevators. All floors used for human occupancy located more than 75 feet above the lowest level of fire department vehicle access shall be served by at least two separate elevator systems which shall not share common hoistways, pits, lobbies, machine rooms or operating controls, including power shut-down provisions for sprinkler protected hoistways or machine rooms. Should the separate systems rely on adjacent hoistways, pits or elevator machine rooms, the separation shall be of 2-hour fire-resistive construction as required for shafts.
- B. Radio and antenna. An approved multi-channel base station radio for fire department frequencies and antenna system shall be provided in the Building Control Station for fire department use. The antenna

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shall be rooftop-mounted or at an alternate location proven by tests to be effective. The antenna cable shall be protected by a 2-hour fire-resistive enclosure. The radio shall become the property of the City of Bellevue and shall be licensed, tested, maintained and used only by the City.

C. Emergency Procedures Manual, Training and Fire Drills

1. All existing and new high-rise buildings shall have an approved emergency operations and procedures manual. Occupancy for high-rise buildings shall not be granted until such plan is approved.
2. **Mandatory Training**
 - a. Building management shall require through lease agreement that all new employees in the building attend classes on the emergency operations and procedures manual. Such classes shall be held on a quarterly basis.
 - b. Building staff and floor wardens shall have training at least once a year prior to fire drills.
3. Fire drills shall be conducted annually. Precautions shall be taken to avoid transmission of alarms to the fire department during such drills.

Section 12. A new Section 23.11.110 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.110 Uniform Fire Code Section 11.203 - Open Burning

Section 11.203 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

Section 11.203(a) Prohibited. Open burning shall not be conducted at any time in compliance with a permanent ban on open burning established by the Puget Sound Air Pollution Control Agency in September of 1992.

Section 13. A new Section 23.11.120 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

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23.11.120 Exits Through Adjoining Rooms.

Exits Through Adjoining Rooms. Rooms may have an exit through an adjoining or intervening room which provides a direct, obvious and unobstructed means of travel to an exit corridor, exit enclosure or until egress is provided from the building, provided the total distance of travel does not exceed that permitted by other provisions of this chapter. In other than dwelling units, exits shall not pass through kitchens, storerooms, restrooms, closets or space used for similar purposes. Exits shall also not pass through an adjoining room when that room is under the control of another occupant.

EXCEPTIONS:

1. Rooms within dwelling units may exit through more than one intervening room.
2. Rooms with a cumulative occupant load of 10 or less may exit through more than one intervening room. Foyers, lobbies and reception rooms constructed as required for corridors shall not be construed as intervening rooms.

Section 14. A new Section 23.11.140 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.140 Uniform Fire Code Section 14.103 amended - Fire Alarm System - General.

Section 14.103 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

Section 14.103 (a) Plans and Specifications. Complete plans and specifications for fire alarm systems shall be submitted for review and approval prior to system installation. Plans and specifications shall include, but not be limited to, a floor plan, location of all alarm-initiating and alarm-signaling devices, alarm control- and trouble-signaling equipment, annunciation, power connection, battery calculations, wiring type and sizes.

- (b) System Design. Fire alarm systems, automatic fire detectors, emergency voice alarm communication systems and notification devices shall be designed, installed and maintained in

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accordance with U.F.C. Standards Nos. 14-1 and 14-2 and other nationally recognized standards.

- (c) **Equipment.** Systems and components shall be listed and approved for the purpose for which they are installed.
- (d) **Acceptance Test.** Upon completion of the installation, a satisfactory test of the entire system shall be made in the presence of the chief. All functions of the system or alteration shall be tested.
- (e) **Certification.** The permittee shall provide written certification to the chief that the system has been installed in accordance with the approved plans and specifications.
- (f) **Location and Security.** The alarm control unit, remote annunciator panel and access keys to locked fire alarm equipment shall be installed and maintained in a location approved by the chief.
- (g) **Instructions.** Written operating instructions shall be provided at a location approved by the chief.
- (h) **System Sensitivity Adjustment.** All sensory mechanisms and components of alarm systems shall be adjusted or otherwise protected to suppress false signals so that alarms will not be activated by impulses due to transient pressure changes, electrical power surges or failures or restoration after failure, radio frequency interference, short flashes of light, normal room temperature changes, effects of wind, rattling or vibrating doors or windows, vehicular noises, or other causes unrelated to genuine signals.

Section 15. A new Section 23.11.141 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.141 Uniform Fire Code Section 14.104 amended - Required Installations.

Section 14.104 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

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Section 14.104 (a) General. An approved manual, automatic or manual and automatic fire alarm system shall be provided in accordance with this section.

(b) Group A. Division 1, 2 and 2.1 Occupancies.

1. General. Group A, Divisions 1, 2 and 2.1 Occupancies shall be provided with a manual fire alarm system.

EXCEPTION: Group A Occupancy Portions of Group E Occupancies are allowed to have alarms as required for the Group E Occupancy.

2. System initiation. Activation of the manual fire alarm shall immediately initiate an approved prerecorded message announcement using an approved electrically supervised voice communication or public address system which is audible above the ambient noise level of the occupancy.

EXCEPTION: When approved by the chief, the prerecorded announcement is allowed to be manually deactivated for a period of time not to exceed 3 minutes for the sole purpose of allowing a live voice announcement from an approved, constantly attended station.

3. Emergency power. Voice communication and public address systems shall be provided with an approved emergency power source.

(c) Group B, Division 2 Occupancies.

1. General. Group B, Division 2 Occupancies shall be provided with fire alarm systems in accordance with this subsection.
2. High-piled combustible storage uses. When required by Article 81, high-piled combustible storage uses shall be provided with an automatic smoke-detection system throughout.
3. Special egress-control devices. When special egress-control devices are installed on exit doors, an automatic

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smoke-detection system shall be installed throughout the building.

4. Corridors in office uses. When corridors in an office use serve an occupant load of 100 or less and are not of one-hour fire-resistive construction, an automatic smoke-detection system shall be provided in such corridors.
5. High-rise offices. High-rise office occupancies shall be provided with a fire alarm system and a communication system in accordance with the Building Code.
6. Aerosol storage. When required by Article 88, aerosol storage rooms and general purpose warehouses containing aerosols shall be provided with an approved manual alarm system.

(d) Group E, Division 1 and 3 Occupancies.

1. General. Group E, Division 1 Occupancies and Group E, Division 3 Occupancies having an occupant load of 50 or more shall be provided with an approved manual fire alarm system. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system, and the building fire alarm system shall be both automatic and manual.
2. Manual fire alarm boxes. Manual fire alarm boxes shall be located in accordance with U.F.C. Standard No. 14-1.
3. Smoke detectors.
 - (i) Increased travel distance. Smoke detectors shall be installed when required by the Building Code for increases in travel distance to exits.
 - (ii) Exits through adjoining rooms. Smoke detectors shall be installed when required by the Building Code to allow the only means of egress from a room to be through adjoining or intervening rooms.

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(e) Group H Occupancies.

1. General. Group H Occupancies shall be provided with fire alarm systems in accordance with this subsection.
2. Organic coatings. Organic coating manufacturing uses shall be provided with a manual fire alarm system.
3. Group H, Division 6 Occupancies. Group H, Division 6 Occupancies shall be provided with a manual fire alarm system.
4. Rooms used for storage, dispensing, use and handling of hazardous materials. When required by Article 80, rooms or areas used for storage, dispensing, use or handling of highly toxic compressed gasses, liquid and solid oxidizers and Class I, II, III or IV organic peroxides shall be provided with an automatic smoke-detection system.
5. Aerosol storage. Aerosol storage warehouses shall be provided with an approved manual fire alarm system.

(f) Group I Occupancies.

1. General. Group I Occupancies shall be provided with a manual and automatic fire alarm system.
2. Manual fire alarm boxes. Manual fire alarm boxes shall be located in accordance with U.F.C. Standard No. 14-1.
3. Smoke detectors. Smoke detectors shall be provided as follows:
 - (i) At automatic-closing doors in smoke barriers,
 - (ii) In ducts penetrating smoke barriers, and

EXCEPTION: When a duct is located above smoke-barrier doors, smoke detectors located as required to actuate the smoke-barrier doors are allowed to substitute for duct detectors.

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(iii) In waiting areas which are open to corridors.

4. System initiation. When actuated, alarm-initiating devices shall activate an alarm signal which is audible throughout the building.

EXCEPTION: Visual alarm-signaling devices are allowed to substitute for audible devices in patient use areas.

5. Single-station smoke detectors. Approved single-station smoke detectors shall be installed in patient sleeping rooms in hospitals and nursing homes. Such detectors shall receive primary power from the building electrical wiring. When actuated, single-station detectors shall:

- (i) Cause a visual display in the corridor adjacent to the door to the room in which the detector is located, and
- (ii) Cause an audible and a visual signal at the respective nurses' station.

EXCEPTION: In rooms equipped with automatic door closers having integral smoke detectors on the room's side of the door, the integral detector is allowed to substitute for the room smoke detector. The door closer detector shall initiate alerting functions specified in this subsection.

When single-station detectors and related devices are combined with the nursing call system, the system is not required to be electrically supervised.

- (g) Group R, Division 1 Occupancies.

1. General. Group R, Division 1 Occupancies shall be provided with a manual and automatic fire alarm system in apartment houses three or more stories in height or containing 16 or more dwelling units, in hotels three or more stories in height or containing 20 or more guest rooms, and in congregate residences three or more stories in height or having an occupant load of 20 or more. A fire

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alarm and communication system shall be provided in Group R, Division 1 Occupancies located in a high-rise building as set forth in the Building Code.

EXCEPTIONS:

1. A manual fire alarm system need not be provided in buildings not over two stories in height when all individual dwelling units and contiguous attic and crawl spaces are separated from each other and public or common areas by at least one-hour fire-resistive occupancy separations and each individual dwelling unit or guest room has an exit directly to a public way, exit court or yard.
 2. A separate fire alarm system need not be provided in buildings which are protected throughout by an approved supervised fire-sprinkler system conforming with the Building Code and having a local alarm to notify all occupants.
- (h) Buildings with Atria. Buildings with atria shall be provided with a fire alarm system meeting the requirements of UBC Section 1807(e)1 and 2. The system shall be activated by any manual pull station, smoke detector or sprinkler water flow device. Manual pull stations shall be located at each exit on each floor, at each elevator lobby on each floor, immediately adjacent to the building telephone switchboard if the building has a telephone switchboard and at other locations as may be designated by the Chief or his authorized representative. The alarm shall be designed to notify all occupants of the building simultaneously.
2. Manual fire alarm boxes. Manual fire alarm boxes shall be located in accordance with U.F.C. Standard No. 14-1.

EXCEPTIONS:

1. The location of manual fire alarm boxes for buildings without corridors shall be as required by the chief.

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2. Manual fire alarm boxes are not required for interior corridors having smoke detectors.
3. Smoke detectors. Smoke detectors shall be provided in all common areas and interior corridors serving as a required exit for an occupant load of 10 or more.
4. Heat detectors. Heat detectors shall be provided in common areas such as recreational rooms, laundry rooms, furnace rooms, and similar areas in accordance with U.F.C. Standard No. 14-2.
5. System initiating. When actuated, alarm-initiating devices shall activate an alarm signal which is audible throughout designated portions of the building.
6. Single-station detectors. Approved single-station smoke detectors shall be installed in dwelling units and hotel or lodging house guest rooms in accordance with the Building Code. Such detectors shall not be connected to a fire alarm system.

EXCEPTION: Connection of such detectors for annunciation only.

Section 16. A new Section 23.11.142 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.142 Uniform Fire Code Section 14.108(a) amended - Maintenance and Testing.

Section 14.108(a) of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

Section 14.108 (a) Maintenance and Testing. Fire alarm systems shall be maintained and tested in accordance with nationally recognized standards. The Chief shall establish minimum requirements for periodic testing of fire alarm systems, but all systems shall be tested at least annually, with a written record of such tests maintained by the system owner on the premises protected by the system. In the case of dwelling units within an apartment building, it shall be the responsibility of the owner of the

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apartment, upon every change of tenancy of a dwelling unit, to inspect the fire warning system within such dwelling unit to determine if the same is in operating condition. If the same is not in operating condition, the owner shall repair or replace the same and shall not allow occupancy of such dwelling unit until the fire warning system therein is operating properly. During the term of any tenancy of a dwelling unit in an apartment building, it shall be the responsibility of the tenant, and not the owner, to maintain the fire warning system therein in operating condition.

Section 17. A new Section 23.11.143 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.143 Silencing Hotel and Public Assembly Fire Alarms.

Hotel or motel and public assembly occupancies, whose fire alarm systems have been activated shall not have their evacuation alarm devices silenced or incapacitated without fire department approval unless this is accomplished by resetting the system.

Section 18. A new Section 23.11.144 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.144 Preventable Responses to Fire Alarms.

A. Scope. This section shall apply to activation of a fire alarm system resulting in responses of fire apparatus due to either direct transmission of the alarm to a monitoring station or telephone report of fire alarm activation caused by any of the following:

1. Improper type, installation, sensitivity, or maintenance of automatic detectors;
2. Improper installation (including unapproved or incompatible components) or maintenance of fire alarm systems including systems with unapparent reasons for repetitious alarms;
3. Erroneous transmission of an alarm including the reporting of trouble signals by fire alarm monitoring companies;

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4. Work on a fire alarm system or automatic extinguishing system connected to an alarm system when reasonable steps were not taken to prevent reporting of an alarm to the fire department.
 5. Fire drills or tests of alarm or extinguishing systems when reasonable steps were not taken to prevent reporting of an alarm to the fire department.
 6. Work including painting, welding, cleaning, cooking, dust producing or other activities which could activate a fire alarm detector;
 7. Smoke or fumes resulting from closed fireplace dampers, cooking activities, smoking of tobacco products, etc., including opening a door to a corridor equipped with detectors for the purpose of ventilating such smoke or fumes.
- B. Exception: This section shall not apply to activation of a fire alarm system resulting from the following:
1. Any actual fire, explosion or overheating or other situation that could have resulted in a fire;
 2. Any manual activation of an alarm where it was believed that a fire or any other emergency requiring response of emergency personnel existed;
 3. Malicious manual activation of unlawful tampering with a fire alarm system;
 4. Accidental striking of an alarm box, detector, circuitry, panel or other components of an alarm system or accidental breakage or discharge of a sprinkler system or other fire extinguishing system;
 5. Accidental breakage or leak of any system that releases steam, heat, gases, water or vapors which might activate a detector;
 6. Earthquake, lightening or natural occurrences that result in movement or flooding of a building;
 7. Work on telephone lines or central office equipment.

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C. Fees.

1. Exempt alarms.

- a. The first preventable fire department response to fire alarms from any one system during a calendar year shall be exempt except that there shall be no exempt responses to alarms caused by alarm system monitoring companies or companies performing work on fire alarm or fire extinguishing systems.
- b. For newly installed alarm systems, the first five preventable responses to fire alarms from any one system or all preventable responses within thirty days of the first such alarm, whichever occurs first, are exempt.

2. Nonexempt fire department responses to fire alarms.

- a. A fee of fifty dollars shall be charged for the first nonexempt preventable fire department response to a fire alarm during a calendar year from any one system.
- b. A fee of seventy-five dollars shall be charged for all subsequent nonexempt preventable fire department responses to a fire alarm from any system during a calendar year.

D. Responsibilities.

1. The owner of the alarm system or subscriber of an alarm service shall be responsible for all preventable fire department responses resulting from activation of a fire alarm system including those caused by tenants or any other occupant of the building or occupancy, except that fire alarm monitoring companies shall be responsible for their erroneous transmission of alarms and companies performing work on fire alarm or extinguishing systems shall be responsible when such work results in a fire department response.
2. When a preventable fire department response to a fire alarm has occurred, the responsible party shall, within thirty days, make a written report to the fire chief on forms provided by the fire

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department, stating the reasons for such alarm and the corrective action taken to prevent recurrence.

E. Appeals.

The building code board of appeals shall hear all appeals from any notice or order issued pursuant to this section. Any person aggrieved by any notice or order issued by the City pursuant to this section may file an appeal with the building code board of appeals pursuant to Section 3.50.060 of the Bellevue City Code, and the board shall have jurisdiction over such appeal and shall follow the procedure for handling such appeal set forth in Section 3.50.060 eq seq.

Section 19. A new Section 23.11.771 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.771 Uniform Fire Code Section 77.107 amended - Storage of explosives and blasting agents.

Section 77.107 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

Sec. 77.107. (a) Explosive materials shall not be manufactured without authorization by the chief.

Explosive materials shall not be stored within the limits established by law.

The chief is authorized to limit the quantity of explosive materials permitted at any location.

Section 77.107(b) The storage of explosives and blasting agents is prohibited within the limits established by law as the limits of the district in which such storage is to be prohibited, except for temporary storage for use in connection with approved blasting operations, provided, however, this prohibition shall not apply to wholesale and retail stocks of small arms ammunition, gunpowder, small arms primers, explosive bolts, explosive rivets or cartridges for explosive-actuated power tools in quantities involving less than 500 pounds of explosive material. Districts for which this prohibition applies includes area zoned as other than LI (Light Industrial), GC

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(General Commercial), and CB (Community Business) as defined in the city land use code and designated on the city's official zoning map.

Section 20. A new Section 23.11.779 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.779 Definitions.

Section 78.102 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

(a) General. For the definitions of AERIAL SHELL; BINARY EXPLOSIVE; BREAK (Aerial Shell); DESIGNATED LANDING AREA; EXPLOSIVE; EXPLOSIVE MATERIALS; FIREWORKS; FIREWORKS, CLASS C COMMON; FIREWORKS, SPECIAL; FIXED GROUND PIECE; GROUND PIECE; HIGH EXPLOSIVE; LOW EXPLOSIVE; MORTAR; PYROTECHNIC OPERATOR; PYROTECHNIC SPECIAL EFFECTS MATERIAL; READY BOX; and SAFETY CAP, see Article 9.

(b) Limited Application. For the purpose of this article, certain terms are defined as follows:

DISPLAY is an outdoor display of aerial shells or ground display pieces.

TEMPORARY STORAGE is storage of pyrotechnic special effects material on site for a period of time of 72 hours or less.

(c) For definition of FIREWORKS, see RCW 70.77.126.

Section 21. A new Section 23.11.781 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.781 Uniform Fire Code Section 78.103 amended - Fireworks Permits.

Section 78.103 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

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- (a) Fireworks.
 - 1. Manufacturing. The manufacturing of fireworks is prohibited except under special permits as required by local and state regulations. See Section 4.108.
 - 2. Displays. Permits are required to conduct a fireworks display. See Section 4.108. Permit application shall be made not less than 14 days prior to the scheduled date of the display. The permit application shall include a diagram of the grounds on which the display is to be held showing the point at which the fireworks are to be discharged; the location of buildings, highways and other other lines of communications; the lines behind which the audience will be restrained; and the location of nearby trees, telegraph or telephone lines and other overhead obstructions. At the time of permit application, the chief shall be consulted regarding requirements for standby fire apparatus.
- (b) Pyrotechnic Special Effects Material. A permit is required to manufacture, compound, store or use pyrotechnic special effects material. A permit for use shall be granted only to a pyrotechnic operator.
- (c) Permit Limitations. No person, firm or corporation shall manufacture, sell at wholesale, or store fireworks or engage in a public display of fireworks without first having obtained an applicable permit issued by the City pursuant to Chapter 70.77 RCW (State Fireworks Law) and Chapter 212-17 WAC (Rules of the State Fire Marshal Relating to Fireworks).
- (d) No person, firm or corporation shall sell at retail any fireworks at any time.
- (e) The chief may impose additional requirements consistent with Chapter 212-17 WAC as a condition of any permit.
- (f) The chief may summarily revoke any fireworks permits(s) for failure to correct a violation of rules or conditions.

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Section 22. A new Section 23.11.790 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.790 Uniform Fire Code Section 79.501 amended - Restricted locations.

Section 79.501 of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

"Section 79.501. The storage of Class 1 and Class II liquids in above ground tanks outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. Districts for which this prohibition applies includes areas zoned as other than LI (Light Industrial) and GC (General Commercial) as defined in City of Bellevue Land Use Code and designated on the City's official zoning map."

Section 23. A new Section 23.11.820 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.820 Uniform Fire Code Section 82.104(b) amended - Maximum Capacity Within Established Limits.

Section 82.104(b) of the Uniform Fire Code as adopted by this chapter is amended to read as follows:

Section 82.104(b). Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested commercial areas, the aggregate capacity of any one installation shall not exceed 2,000 gallons water capacity, except that in particular installations this capacity limit may be altered at the discretion of the Chief after consideration of special features such as topographical conditions, nature of occupancy and proximity to buildings, capacity of proposed tanks, degree of private fire protection to be provided and facilities of the local fire department. The storage of liquefied petroleum gas shall conform to the provisions of the local zoning ordinance. Districts for which this prohibition applies includes areas zoned as other than LI (Light Industrial) and GC (General Commercial) as defined in the City of Bellevue Land Use Code and designated on the City's official zoning map.

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Section 24. A new Section 23.11.900 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.900 Violation a Misdemeanor.

Any violation of this chapter or the code, appendixes or standards adopted herein or any failure to comply with any lawful order of the Chief or his authorized representative is a misdemeanor. The imposition of one penalty for any violation shall not excuse the violation or permit it to continue. Each ten days that a prohibited condition(s) continues to exist shall constitute a separate offense.

Section 25. Section 1 of Ordinance No. 4074 and Bellevue City Code Section 23.11.905 are repealed and a new Section 23.11.905 is added to Chapter 23.11 of the Bellevue City Code to read as follows:

23.11.905 Recovery of Costs.

- A. The City may recover costs from responsible persons, business or property owners for any of the following:
1. Suppression and investigation of incendiary fires where the responsible party has been duly convicted of causing the fire.
 2. Suppression and investigation of fires resulting from or aggravated by a condition that was a code violation for which a violation notice or letter of violation was issued, but not corrected.
 3. Suppression and investigation of fires resulting from an escape of a control burn.
 4. Extinguishment of an illegal control burn or a control burn in violation of a permit where adequate private fire extinguishing capability has not been provided or where private fire extinguishing efforts have been unsatisfactory.
 5. Repeat responses to situations involving illegal burning.
 6. Mitigation of a hazardous materials incident when the duration of the incident exceeds two hours.

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7. Preventable responses to fire alarms when the number exceeds five nonexempt preventable responses to a single alarm system during a calendar year. This shall be in addition to any fees assessed under Section 23.11.144. The Chief may credit costs of system improvement to prevent responses or other life or life safety improvements to offset charges for fire departmental costs.
8. Extraordinary expenses incurred in, or as a result of, the control or extinguishment of fires or mitigation of hazardous materials incidents.

B. Chargeable costs under this section shall include the following:

1. Personnel costs (including salaries, overtime, fringe benefits, etc.) for the time that involved personnel were not available to respond to valid emergencies.
2. Apparatus costs according to the "Fee Schedule for Hazardous Materials Incidents and/or Fire Suppression" established by the King County Fire Chiefs Association.
3. With regard to Item A.8. above, cost may include damaged, destroyed or contaminated equipment (such as protective clothing and fire hose); special supplies utilized (such as fire fighting foams and absorbent pads); and cost of specialized or heavy equipment and their operation including that of other fire agencies, other departments of the City of Bellevue and private contractors or suppliers when such equipment is determined to be needed by the Chief.
4. Administrative and any other costs associated with the recovery of these costs.

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Section 26. This ordinance shall take effect and be in force five days after final passage by the City Council.

PASSED by the City Council this 20th day of June, 1994, and signed in authentication of its passage this 20th day of June, 1994.

(SEAL)


Donald S. Davidson, DDS, Mayor

Approved as to form:

Richard L. Andrews, City Attorney


Patrice Cole, Assistant City Attorney

Attest:


Myrna L. Basich, City Clerk

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