

Repealed By 2408 Date: _____ORDINANCE NO. 2300

AN ORDINANCE OF THE CITY OF KIRKLAND RELATING TO FIRE PREVENTION, ADOPTING BY REFERENCE THE UNIFORM FIRE CODE (1973 Edition) IN PLACE OF THE AMERICAN INSURANCE ASSOCIATION FIRE PROTECTION CODE (1965), ADOPTING CERTAIN AMENDMENTS AND ADDITIONS TO THE UNIFORM FIRE CODE AND AMENDING CHAPTER 21.32 KIRKLAND MUNICIPAL CODE, THE FIRE PREVENTION CODE FOR THE CITY OF KIRKLAND.

BE IT ORDAINED by the City Council of the City of Kirkland as follows:

Section 1. Section 21.32.010 of the Kirkland Municipal Code is hereby amended to read as follows:

"21.32.010 Adoption.

There is hereby adopted as the Kirkland Fire Prevention Code, the Uniform Fire Code [the Fire-Prevention-Code-as] recommended by the Western Fire Chiefs and the International Conference of Building Officials 1973 Edition, including Appendices A, B, C, D, and E [the American-Insurance-Association-being-particularly the-1965-Edition-thereof-and-the-whole-thereof, including-Appendices-A, B-and-C, save] except as [are] hereinafter deleted, modified or amended [of-which code]. Not less than three copies of said Code have been and now are filed in the Office of the Director of Administration and Finance (ex officio clerk of the City). [the-same-are-hereby-adopted-and-incorporated-as-fully-if-set-out-in-length-herein-and-from-the-date-on-which-the-Ordinance-codified-in-this-Chapter-shall take-effect-the-provisions-thereof-shall-be-controlling within-the-limits-of-the-City.]"

Section 2. Section 21.32.020 of the Kirkland Municipal Code is hereby amended to read as follows:

"21.32.020 Enforcement.

The Fire Prevention Code shall be enforced by the [Bureau-of-Fire-Prevention-in-the] Fire Department of the City [which-is-hereby-established and-which-shall-be-operated] under the supervision of the [Chief] Director of the Department of Fire Services."

Section 3. Section 21.32.030 of the Kirkland Municipal Code is hereby amended to read as follows:

"21.32.030 Definitions:

"A. Whenever the words Chief, Fire Chief or Chief of the Bureau of Fire Prevention are used in the Fire Prevention Code, ~~[it means the]~~ they shall mean the Director [Chief] of the [fire] Department of Fire Services.

"B. Whenever the term Corporation Counsel is used in the Fire Prevention Code it means the attorney for the City.

"C. Whenever the word municipality is used in the Fire Prevention Code, it means the City of Kirkland.

"D. Wherever the term "the jurisdiction" is used in the Fire Prevention Code, it means the City of Kirkland.

"E. Wherever the term "Fire Prevention Code" is used, it shall mean the Fire Prevention Code for the City of Kirkland, including the Uniform Fire Code, as adopted and amended in this Ordinance."

Section 4. Section 21.32.040 of the Kirkland Municipal Code is hereby amended to read as follows:

"21.32.040 Explosives.

The limits referred to in Section [12.5D-of-the Fire-Prevention-Code] 11.106(b) of the Uniform Fire Code in which storage of explosives and blasting agents is prohibited shall apply to all areas in which the Fire Prevention Code is in force, provided however, that the [Chief-of-the-Fire-Department] Director of Fire Services may issue a special permit for such storage where it appears in his judgment [te] there will be no undue danger to persons or property."

Section 5. Section 21.32.050 of the Kirkland Municipal Code is amended to read as follows:

21.32.050 Flammable Liquids.

"(a) ~~The limits referred to in Section [16.22A of the Fire Prevention Code]~~ 15.201(a) of the Uniform Fire Code, in which storage of flammable liquids in outside, above ground tanks is prohibited shall apply to all areas in which the Fire Prevention Code is in effect, provided however, that the ~~[Chief of the Fire Department]~~ Director of Fire Services may issue a special permit for such storage where it appears in his judgment ~~[t]e~~ there will be no undue danger to persons or property.

"(b) The limits referred to in Section ~~[16.51 of the Fire Prevention Code]~~ 15.601 of the Uniform Fire Code in which new bulk plants for flammable or combustible liquids are prohibited shall apply to all areas in which the Fire Prevention Code is in effect, provided however, that the ~~[Chief of the Fire Department]~~ Director of Fire Services may issue a special permit for such storage where it appears in his judgment ~~[t]e~~ there will be no undue danger to persons or property."

Section 6. Section 21.32.060 of the Kirkland Municipal Code is amended to read as follows:

"21.32.060 Bulk Storage of Liquefied Petroleum Gases. The limits referred to in Section ~~[21.6A of the Fire Prevention Code]~~ 20.105(a) of the Uniform Fire Code in which bulk storage of liquefied petroleum gas is restricted shall apply to all areas in which the Fire Prevention Code is in effect, provided however, that the ~~[Chief of the Fire Department]~~ Director of Fire Services may issue a special permit for such storage where it appears in his judgment ~~[t]e~~ there will be no undue danger to persons or property."

Section 7. Section 21.32.070 is hereby repealed.

Section 8. There is hereby added to Chapter 21.32 a new section to read as follows:

"Section 21.32.071 Amendments.
The Uniform Fire Code is amended and changed in the following respects:

"(A) Delete Article 12. Fireworks.

"(B) Section 13.206 is changed to read:
No person shall place or keep any post, fence, vehicle, growth, trash, storage or other material or thing near any fire hydrant, fire department connection or fire protection system control valve that would prevent such equipment or hydrant from being immediately discernible or in any other manner deter or hinder the fire department from gaining immediate access to said equipment or [a] hydrant.

"(C) Section 27.101(a) is changed to read:

"(1) Permit Required: No person, firm or corporation shall start or continue, or cause to be started or continued, an open fire [~~in any clear or cultivated land~~] within the limits of the City of Kirkland for land clearing or combustible materials in piles over six (6) feet in diameter and four (4) feet high without written permit therefore issued by authority of the city. During construction or demolition of buildings or structures no waste materials or rubbish shall be disposed of by burning on the premises or in the immediate vicinity without having obtained a permit. No permit shall be issued for a fire on any forest or cut over land. No open burning allowed after dark without a permit.

EXCEPTION: Cooking and ceremonial fires.

"(2) Delegation of authority to issue permits. By resolution of the City Council, authority to issue such burning permits may be delegated to agents or employees of any fire protection district within whose boundaries the City of Kirkland is wholly or partially included.

"(3) Terms of issuance of permit. Such permits shall be issued upon request, without charge, by the persons authorized by the City Council or by the commissioners of such fire district to whom authority therefor may have been delegated, when the issuing officer deems it safe to do so. The permit shall designate the premises and the exact location thereon where the fire may be started and continued; the nature of the material to be burned; the time limit of the permit; and may contain any special requirements pertaining to the fire and the control thereof as the

issuing officer, the Director of the City Fire Department, or the Fire District Commissioners deem necessary for safety.

"(4) Duties of Permittee. The permittee shall comply with all the terms and conditions of the permit, and shall keep a responsible person, who shall be 18 years of age or older, in charge of the fire at all times, who shall hold the fire under control and not permit it to spread to other property or structures, and shall thoroughly extinguish the fire when the authorized burning is completed. The possession of such a permit shall not relieve the permittee from civil liability for any damages resulting from the fire for which he may be liable otherwise.

"(D) New Sections are hereby added to Section 31.101, Article 31, of the Uniform Fire Code, to read as follows:

"(c) A permit shall be required of each company, corporation, co-partnership or owner-operator performing welding or cutting operations. A permit shall not be required of any company, corporation, co-partnership or owner-operator:

"(1) Where the welding or cutting is performed in areas approved for the purpose, or

"(2) Having an approved extinguishing system established for control of the fire hazards involved.

"(d) [~~This permit shall not be required for each welding or cutting job within a permitted location.~~] The company, corporation, co-partnership, or owner-operator shall notify the Bureau of Fire Prevention in advance where such work is taking place on or within a building, except where such work is in response to an emergency call that does not allow time for the Bureau of Fire Prevention to be notified in advance of the work.

"(e) Application for a permit required by this article shall be made by the company, corporation, co-partnership or owner-operator performing the welding or cutting operation or by his duly authorized agent.

"(f) Groups "I" and "J" Occupancies Divisions (1) and (2) shall be exempt from the provisions of this section.

"(E) The first sentence of "Appendix D" shall be changed to read:

"The most recent edition or supplement of the following Standards and Publications shall be used that are in effect on the date of the adoption of this code."

"(F) Delete Section 1.215, Article I, Division 2 relating to Board of Appeals."

Section 9. Section 21.32.100 of the Kirkland Municipal Code is amended to read as follows:

"21.32.100 New Materials, processes or occupancies which may require permits.
The City Manager, the ~~[Building-Official]~~ Building Department Manager, and the ~~[Chief-of-the-Fire--Department]~~ Director of the Fire Department shall act as a committee to determine and specify, after giving affected persons an opportunity to be heard, any new materials, processes or occupancies which shall require permits, in addition to those now enumerated in the code. The ~~[Chief]~~ Director of the Bureau of Fire Prevention shall post such list in a conspicuous place ~~[in-his-office]~~ and distribute copies thereof to interested persons."

Section 10. Section 21.32.120 of the Kirkland Municipal Code is amended to read as follows:

"21.32.120 Additions to Code-- High-Rise Buildings.

"(a) Definition: A high-rise building is a building of five stories or more.

"(b) Requirements of Emergency Over-Ride Controls for Elevators. In all high-rise buildings, where the building permit was applied for after August 4, 1969, ~~[and-is-defined-as-a-high-rise building,]~~ and which are equipped with automatic elevators, there shall be at least one elevator equipped to by-pass all car and corridor calls and return to the main floor. The return to the main floor shall be initiated by the operation of a keyed switch. The key shall be kept in an appropriate enclosure adjacent to the elevator and readily accessible to qualified emergency services personnel, but

not available to the public. If an elevator must stop and reverse in order to return to the main floor, the doors at the floor of reversal shall not open. Upon return to the main floor, the elevator car and doors shall remain under the individual operation and control of emergency services personnel until released for restoration to its operating functions.

"(c) Switch for Power-Operated Elevator Doors. In all buildings, where the building permit is applied for after August 4, 1969, all elevators equipped with photoelectric tube devices which control the closing of automatic power-operated elevator doors shall have a switch in the elevator car which, when actuated, will render the photoelectric tube ineffective. This switch shall be constant pressure type requiring not less than fifteen pounds pressure to actuate. The switch shall be located not less than five feet nor more than six feet, six inches, above the car floor and shall be clearly labeled 'To be used in case of fire only.'

"(d) Fire alarm systems for high-rise buildings are required and shall be installed to meet the following requirements:

"(1)(A) Every alarm system and its equipment shall be of a standard approved type suitable for the purpose for which it is installed.

"(B) All power supply equipment (batteries, battery chargers, rectifiers, switching facilities, transformers, etc.) and wiring shall be installed in conformity with the requirements of the National Electrical Code, and of the regulations of the State Electrical Inspection Division, for such equipment.

"(C) Only one main power supply source is required for systems operation; however, where there is provided in the protected premises an emergency power supply and available for operation of essential services, this emergency supply shall be used as a secondary power supply for the alarm system.

"(D) The conductors of the signalling system power supply circuit shall be connected on the line side of the main service of a commercial light or power supply circuit, or to the main bus bars of an isolated power plant located on the premises. Such systems shall be independent of any other signalling system within an occupancy.

"(E) All circuits for operating alarm sounding devices and appliances shall be electrically supervised.

EXCEPTION:

- "(i) Alarm signal sounding appliances when:
 - "a. Alternately connected to two or more circuits and approximately equally distributed throughout the building, or
 - "b. Connected to a return loop circuit so that a break or ground fault does not prevent the operation of any sounding appliance and with means provided for testing the continuity of the circuit.
- "(ii) A circuit employed to produce a supplemental local alarm signal to indicate the operation of an automatically operated alarm transmitter or a manual fire alarm box, provided that an open or ground fault of the signal circuit conductor results only in the loss of the supplementary signal.
- "(iii) The circuit of an alarm bell installed in the same room with a system control unit, provided the bell circuit conductors are installed in conduit or equivalently protected against mechanical injury and tampering.
- "(iv) A trouble signal circuit.

Ordinance No. 2300

"(2) Each manually operated sending station and alarm sounding device in a single system shall be of the same general type.

"(3) A fire alarm system shall be electrically supervised so that the occurrence of a break, or a ground fault of its installation wiring circuits which prevents the required operation of the system, or failure of its main power supply source, will be indicated by a distinctive trouble signal.

"(4) A manually operated sending station shall be provided at each main exit and in the natural path of escape from fire, at readily accessible and visible points which are not likely to be obstructed.

"(5) Each manual sending station shall be securely mounted. The bottom of the box shall not be less than four and one-half feet, and not more than six feet above the floor level.

"(6) Each sending station shall not be more than two hundred feet distant from another station on the same floor, or more than one hundred feet and one flight of stairs to reach a sending station upon another floor, and located in the natural path of escape from fire.

"(7) The arrangement of sending stations, and the manner of their connection with sounding devices, shall be such that there will be no difference between the sounding of actual alarms and drill signals.

"(8) A required sounding device shall be used for fire alarm and drill purposes.

"(9) Alarm sounding devices shall be provided, of such character and so distributed, as to be effectively heard regardless of the maximum noise level obtained from machinery or other equipment, or vocal sounds produced under normal conditions of occupancy. Visible signals shall be provided to augment the alarm system for areas housing deaf persons.

"[9](10) Every alarm sounding device shall be distinctive in pitch and quality from all other sounding devices and may be march-time oscillating.

"[10](11) Each system shall be so arranged that no manual intervention will be required following the actuation of a sending station or automatic detector for causing the effective response of all required sounding devices. No facilities shall be provided whereby such response can be controlled or modified except where specifically permitted by the authority having jurisdiction.

"[11](12) An automatic, ionization type, or equally efficient smoke detector system, shall be installed as an integral part of a heating system or air conditioning system, when in the opinion of the ~~[city-fire-chief]~~ Director of the Fire Department, a hazard has been created by the installation of the heating or air conditioning system. Such installations shall not reduce the requirements for ~~[one-hour]~~ the fire-resistive construction provisions in the building code. The smoke detectors shall be installed and connected to automatically energize the fire alarm circuit, and simultaneously de-energize the electrical power to the mechanical equipment of the circulation system.

"[12](13) An automatic fire detection system, where installed, shall be of standard UL listed type, and shall be so installed as to provide effective warning of incipient fire in any part of the premises. Automatic detectors shall be installed in boiler rooms, furnace or incinerator rooms, laundries, repair shops, handicraft shops, laboratories, kitchens, storage closets and areas, stages, chemistry storage rooms, janitors' closets, and attic areas, or other hazardous areas, to augment the required manual alarm system, but not limited to those areas, when in the opinion of the ~~[city-fire-chief]~~ Director of the Fire Department a hazard is inherent.

"[13](14) In any occupancy where a fire alarm system is required, the electric power for such systems shall be connected on the line side of the electrical entrance switch, unless in the opinion of the ~~[City-Fire-Chief]~~ Director of the Fire Department the electrical power may be of a local source.

"[14](15) Where variable floor plan arrangements, using movable temporary partitions or furnishings or other construction features, or the placing of portable or temporary structures, which will affect existing exit lighting and consequent manual fire alarm signal sending and sound station locations, and/or other conditions which may be contemplated, floor and/or building diagrams shall be approved in advance by referral to the Kirkland fire department for approval.

"[15](16) An annunciator system or panel with fully supervised wiring as a part of the alarm system will be required to alert supervisory personnel to the area of the alarm transmission with the least possible delay.

"Annunciator panels shall be installed at the main entrance of a multi-story building or at the entrance of the administration building of a complex.

"Such panel shall be located in a prominent position, either on the exterior of the building or immediately inside of a glazed opening of the building [and] be clearly visible to personnel responding to an emergency. [and] The panel shall [reporting] indicate the location of the alarm transmitted from the building or complex.

"[16](17) If the required fire alarm system is not in fact directly connected with the public fire department or other outside assistance provided in case of fire or emergency, arrangements shall be made for prompt and positive notification of such assistance as may be available. (For example such as an outside siren connected to building fire alarm system.)

"[17](18) Every alarm system shall be under the supervision of a responsible person who shall cause proper tests to be made at specified intervals and have general charge of all alterations and additions. No changes may be made in the system without written approval of the Kirkland fire department.

"[18](19) Each system shall be tested at not less than semi-annual intervals, and records kept showing such tests were performed.

"[19] 20 Fire alarm signalling equipment shall be restored to service as promptly as possible after each test or alarm, and shall be kept in normal condition for operation. Equipment requiring winding or replenishing shall be rewound or replenished as promptly as possible after each test or alarm.

"[20] 21 Fire alarm control panels shall be installed in the staff office or immediate area of personnel charged with the responsibility of the facility; or in a room, or area which is continually staffed during the hours the building is occupied. When there are practical difficulties encountered in the location of such equipment, then at the direction of the ~~[city-fire-chief]~~ Director of the Fire Department, a trouble bell or signal may be located in the main corridor, where its operation will be obvious. Fire alarm panels will have a constantly visible supervisory meter showing that the system is normal. Any derangement of the system circuits will be indicated by means of a trouble bell or buzzer. When such trouble bell or buzzer is silenced, a supervisory lamp will indicate that the system is not in normal condition and shall be corrected immediately.

"[21] 22 A manually or automatically operated fire alarm system may be arranged for the accomplishment of incidental functions, such as the release of self-opening or self-closing doors, cutting off supplies of gas, fuel oil, or electric power, switching on emergency lights, stopping of air supply ventilating fans, insofar as the accomplishment of such functions does not impair the effectiveness or reliability of the required sounding devices in response to the required sending stations.

"[22] 23 Circuit diagrams shall be supplied by the company installing the system and shall be conspicuously posted, with directions on how to reset the system or de-energize the circuit after an alarm has been sounded for drill or other cause. Keys for signal stations and cabinets housing control panels are to be supplied by the installer and shall be kept in locations readily accessible for use when required. Facilities shall be provided for testing and fire drills to be conducted without breaking the glass on the manual station, on all required fire alarm systems.

"[23](24) Supervised circuit wiring of fire alarm systems shall be classified as Class I signal systems and all wiring, including the wiring of combination signal systems, shall be in conformity with requirements of the National Electrical Code and the Washington State Electrical Division's rules and regulations for Class I signal systems.

"[24](25) Miscellaneous.

"(A) In any existing occupancy where a fire alarm system is required and where speakers of an inter-communication system are used to produce audible signals for local fire alarms, the audio amplifiers for powering the speaker circuits shall be in duplicate and be so arranged that failure of one amplifier will not prevent the transmission of audible signals to all circuits; and will be accompanied by an audible trouble signal.

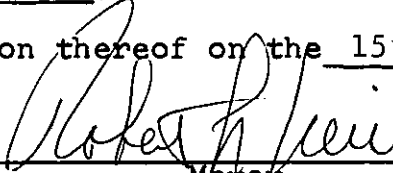
"(B) In any occupancy in which an approved automatic sprinkler system or partial sprinkler system is required, provision shall be made through a water-alarm system, and will be a part of any required fire alarm system protecting such building."

Section 11. Section 21.32.080 of the Kirkland Municipal Code is hereby repealed.

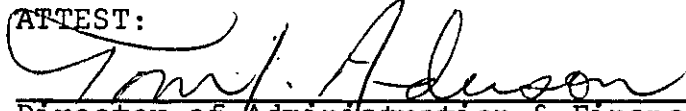
Section 12. This Ordinance shall be in force and effect five days from and after its passage by the council and publication as required by law.

PASSED by the Kirkland City Council in regular meeting on the 15th day of September, 1975.

SIGNED in authentication thereof on the 15th day of September, 1975.



Mayor

ATTEST:


Director of Administration & Finance
(ex officio City Clerk)

Approved as to form:

City Attorney