

ORDINANCE NUMBER O-17787 (NEW SERIES)

ADOPTED ON JUN 29 1992

AN ORDINANCE AMENDING CHAPTER V, ARTICLE 5, OF THE SAN DIEGO MUNICIPAL CODE BY INCORPORATING BY REFERENCE THE UNIFORM FIRE CODE, 1991 EDITION, TO REPLACE THE 1988 EDITION OF THE UNIFORM FIRE CODE AND BY AMENDING DIVISION 1, SECTIONS 55.0101.0001, 55.0102.0105, 55.0102.0201, 55.0102.0303 AND 55.0104.0108 AND BY ADDING SECTIONS 55.0101.0103 AND 55.0104.0107; BY AMENDING DIVISION 2, SECTION 55.0209.0108 AND BY ADDING SECTIONS 55.0209.0114 AND 55.0209.0121; BY AMENDING DIVISION 3 BY REPEALING SECTION 55.0310.0207 AND REENACTING IT BY ADDING SECTIONS 55.0310.0201, 55.0310.0203, 55.0310.0204, 55.0310.0205, 55.0310.0206, AND 55.0310.0207 AND BY RENUMBERING SECTION 55.0310.0208 TO 55.0310.0301 AND EXISTING SECTION 55.0310.0301 TO 55.0310.0501 AND BY ADDING SECTION 55.0310.0404 AND BY AMENDING AND RENUMBERING SECTION 55.0310.0306 AND BY ADDING SECTION 55.0310.0508 AND BY AMENDING AND RENUMBERING SECTIONS 55.0310.0309 AND 55.0310.0316 AND BY REPEALING SECTIONS 55.0310.0401 AND 55.0311.0204 AND BY ADDING SECTION 55.0311.0303 AND BY AMENDING AND RENUMBERING SECTIONS 55.0311.0412 AND 55.0312.0106 AND BY AMENDING SECTION 55.0314.0104; BY AMENDING DIVISION 4, SECTIONS 55.0425.0108, 55.0425.0117, 55.0425.0118 AND 55.0425.0119 AND BY AMENDING AND RENUMBERING SECTION 55.0432.1100; BY AMENDING DIVISION 5, BY ADDING SECTION 55.0545.0209 AND BY REPEALING SECTION 55.0551.0108; BY AMENDING DIVISION 6, BY RENUMBERING SECTION 55.0661.0105 TO 55.0661.0104 AND EXISTING SECTION 55.0661.0106 TO 55.0661.0105; BY AMENDING DIVISION 7, SECTION 55.0774.0204 AND BY RENUMBERING SECTION 55.0777.0102 TO 55.0777.0101 AND EXISTING SECTION 55.0771.0105 TO 55.0777.0104 AND BY AMENDING AND RENUMBERING SECTIONS 55.0778.0103 AND 55.0779.0201 AND BY ADDING SECTION 55.0779.0403 AND BY REPEALING SECTIONS 55.0779.0203, 55.0779.0601, 55.0779.0702, 55.0779.0903, 55.0780.0101, 55.0780.0104 AND

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55.0780.0109 AND BY AMENDING SECTIONS  
55.0780.0301 AND 55.0780.0303 AND BY  
REPEALING SECTION 55.0780.0306 AND REENACTING  
IT BY ADDING A NEW 55.0780.0306 AND BY  
AMENDING SECTIONS 55.0780.0309, 55.0780.0310,  
55.0780.0312, 55.0780.0313, 55.0780.0314 AND  
55.0780.0315 AND BY ADDING SECTIONS  
55.0780.0401, 55.0780.0402 AND 55.0781.0106  
AND BY AMENDING SECTIONS 55.0787.0101,  
55.0787.0102, 55.0787.0103 AND 55.0787.0104  
AND BY ADDING SECTION 55.0788.0101; BY  
AMENDING DIVISION 8 BY REPEALING THE TITLE OF  
APPENDIX I-A, AND BY AMENDING AND RENUMBERING  
SECTION 55.0888.0101 AND BY REPEALING THE  
TITLE OF APPENDIX II-A AND BY AMENDING AND  
RENUMBERING SECTION 55.0888.0201 AND BY  
ADDING SECTION 55.0889.0206 AND BY REPEALING  
THE TITLE OF APPENDIX III-A AND BY AMENDING  
AND RENUMBERING SECTION 55.0888.0301 AND BY  
REPEALING THE TITLE OF APPENDIX III-C AND BY  
AMENDING AND RENUMBERING SECTION 55.0888.0302  
AND BY ADDING SECTION 55.0889.0601, RELATING  
TO THE UNIFORM FIRE CODE, 1991 EDITION.

WHEREAS, the Uniform Fire Code, 1991 Edition, has been  
published by the International Conference of Building Officials  
and Western Fire Chiefs Association; and

WHEREAS, sections 18941.5 and 17958 of the California Health  
and Safety Code provide that the governing body of every  
California city or county shall adopt ordinances or regulations  
imposing the same requirements as those contained in said Uniform  
Fire Code; and

WHEREAS, sections 17958.5 and 17958.7 of the California  
Health and Safety Code provide that a city or county may make  
such changes or modifications to the requirements contained in  
the Uniform Fire Code as it determines are reasonably necessary  
because of specified local conditions; and

WHEREAS, certain changes have been recommended by the City  
of San Diego Board of Appeals and Advisors as changes or

modifications in the requirements of the Uniform Fire Code which are reasonably necessary to provide for uniformity in San Diego County and to provide for local conditions and needs; and

WHEREAS, the Council of The City of San Diego finds and declares in accordance with section 17958.5 of the California Health and Safety Code that the recommended changes, additions, or deletions incorporate changes and modifications which are reasonably necessary because of specified local conditions; and

WHEREAS, the City Council of San Diego desires to adopt the Uniform Fire Code (1991 Edition) in its entirety, including all appendices, as the San Diego Fire Code, except as to such deletions and changes to the text thereof as are set forth in this Article, for the purpose of prescribing regulations governing conditions hazardous to life and property from fire or explosion; NOW, THEREFORE,

BE IT ORDAINED, by the Council of The City of San Diego, as follows:

Section 1. That Chapter V, Article 5, Division 1 of the San Diego Municipal Code be and the same is hereby amended by amending section 55.0101.0001, to read as follows:

**SEC. 55.0101.0001      ADOPTION OF THE UNIFORM FIRE CODE  
1991 EDITION, PURPOSE AND INTENT, AND  
ADMINISTRATIVE PROVISIONS**

(a) **Portions of Uniform Fire Code (1991 Edition) adopted.** Except as otherwise provided in this Article, the Uniform Fire Code (1991 Edition) including appendices, is hereby adopted. A copy of the Uniform Fire Code (1991 Edition), is on file in the office of

the City Clerk as Document No. 00-17787-1. The Uniform Fire Code (1991 Edition) is referred to in this Article as "U.F.C. (1991 Edition)." The Uniform Fire Code Standards (1991 Edition) is hereby adopted and is to be used in conjunction with the U.F.C. (1991 Edition). A copy of the Uniform Fire Code Standards (1991 Edition) is on file in the office of the City Clerk as Document No. 00-17787-2, and may be cited herein as "U.F.C. Standards (1991 Edition)."

(b) **San Diego Fire Code.** The document known as the San Diego Fire Code consists of the following documents:

- (1) Those portions of the U.F.C. (1991 Edition) adopted by the City in section 55.0101.0001 with changes as specified in this Article.
- (2) U.F.C. Standards (1991 Edition).
- (3) Sections 55.0101.0001 through 55.0889.0607 of Chapter V, Article 5 of the San Diego Municipal Code.
- (4) Applicable sections of the California Code of Regulations, State of California.

(c) **Relationship of San Diego Municipal Code section numbers to U.F.C. (1991 Edition) section numbers.** Sections within the U.F.C. (1991 Edition) retain those same section numbers when referred to within the text of the San Diego Municipal Code. Thus, section 2.201 of U.F.C. (1991 Edition) will be cited as "U.F.C. 2.201 (1991 Edition)" within the text of the San Diego Municipal Code.

Where a section of the U.F.C. (1991 Edition) is adopted with changes, it is promulgated within the Municipal Code by

using a numbering system to reflect both the Municipal Code numbering system and the U.F.C. (1991 Edition) numbering system. For example, section 10.401 of the U.F.C. (1991 Edition) is adopted with changes in San Diego Municipal Code section number 55.0310.0401. The first two digits to the left of the first decimal point are the chapter and article number of the San Diego Municipal Code. The two digits to the right of the first decimal point represent the Municipal Code's division number. The last six digits reflect the numbering system of the U.F.C. (1991 Edition), but the zero (0) after the second decimal point is a filler to accommodate the San Diego Municipal Code numbering system.

(d) **Definitions.** Whenever the following terms appear within the text of the U.F.C. (1991 Edition), they have the following definitions:

"Chief" means the Fire Chief.

"Chief of the Fire Prevention Bureau" means the Fire Marshal of The City of San Diego.

"Corporation Counsel" means the City Attorney.

"Municipality" or "Jurisdiction" means The City of San Diego.

(e) **Prospective and Retrospective Application.** Unless specifically stating that they may be applied prospectively only, provisions of the San Diego Fire Code may be retrospectively applied in accordance with U.F.C. section 1.103(b) (1991 Edition).

(f) **Effective Date.** Unless otherwise stated in a

specific San Diego Municipal Code section or U.F.C. (1991 Edition) section adopted by the City, the effective date of the San Diego Fire Code shall be July 29, 1992.  
(effective date of this ordinance)

(g) **Reference to Uniform Building Code.** Any reference within the San Diego Fire Code to the "U.B.C." shall refer to those provisions of the Uniform Building Code as adopted by Chapter IX of the San Diego Municipal Code.

(h) **U.F.C. (1991 Edition) not adopted.** The following sections of the U.F.C. (1991 Edition) are not adopted:

**APPENDIX I-B**

**APPENDIX II-E**

**APPENDIX VI-C**

Section 2. That Chapter V, Article 5, Division 1, of the San Diego Municipal Code be and the same is hereby amended by adding section 55.0101.0103, to read as follows:

**SEC. 55.0101.0103 APPLICABILITY**

U.F.C. 1.103 (1991 Edition) is adopted with changes to read as follows:

(a) **General** - no change.

(b) **Existing Conditions** The provisions of the San Diego Fire Code shall apply to existing conditions as well as to conditions arising after July 29, 1992,  
(effective date of this ordinance)

except that conditions legally in existence on

July 29, 1992 and not in strict compliance with  
(effective date of this ordinance)

the San Diego Fire Code shall be permitted to continue only if, in the opinion of the Fire Chief, they do not constitute

a distinct hazard to life or property.

(c) **Conflicting Provisions - no change.**

Section 3. That Chapter V, Article 5, Division 1, of the San Diego Municipal Code be and the same is hereby amended by amending sections 55.0102.0105, 55.0102.0201, and 55.0102.0303, to read as follows:

**SEC. 55.0102.0105      AUTHORITY OF FIRE PERSONNEL TO EXERCISE  
                                 POWERS OF PEACE OFFICERS**

U.F.C. 2.105 (1991 Edition) is adopted with changes to read as follows:

The Fire Chief and members of the Fire Prevention Bureau shall have the powers of a peace officer in performing their duties under the San Diego Fire Code, pursuant to California Penal Code sections 830.1 and 830.3.

**SEC. 55.0102.0201      INSPECTION AND PLAN CHECKS AND UNSAFE  
                                 BUILDINGS**

U.F.C. 2.201 (1991 Edition) is adopted with changes to read as follows:

(a) **Inspection.** The Fire Department shall inspect, as often as may be necessary, all buildings and premises, including such other hazards or appliances, as the Fire Chief may designate for the purpose of ascertaining and causing to be corrected any conditions which would reasonably tend to cause fire or contribute to its spread, or any violation of the purpose or provisions of the San



Diego Fire Code and of any other law or standard affecting fire safety.

(b) **Unsafe Building** - no change.

(c) **Requested Inspection.** Inspections of buildings and premises not otherwise required by the San Diego Fire Code may be conducted by the Fire Department upon request. Such inspections on request must be with the permission of the owner or occupants of the building or premises to be inspected. A nonreturnable fee as prescribed in the City Clerk's Composite Rate Book shall accompany any request for such inspection not otherwise required by the San Diego Fire Code.

(d) **Authorizing Inspection Fees.** The Fire Chief is authorized to charge fees for the recovery of actual costs of administrative overhead and salaries of Fire Department personnel performing plan checking and inspection services not provided by any other City department for inspection and certification of underground and above ground hazardous materials storage tanks. In addition, the Fire Chief is authorized to charge inspection fees for inspection and related plan review services of new buildings and tenant improvements in existing buildings for fire lanes, site access, fire protection systems, exiting and fire-alarm systems required by the U.F.C. (1991 Edition) for the following designated occupancies:

(1) All public assembly structures, including educational, institutional or large business

occupancies and high-rise buildings.

(2) Any building in which stock is stored in stacks or piles of eight (8) feet or higher.

(3) Paint spray booths.

(4) All buildings of four (4) or more stories.

(5) All residential occupancies of three (3) or more stories.

(6) Apartments with more than fifteen (15) units.

(7) Hotels and motels with more than twenty (20) units.

(e) **Inspection Fee Schedule.** The Fire Chief is hereby authorized to establish a fee schedule based on building square footage for annual high-rise building inspections required by State law, except that residential occupancies other than hotels and motels shall be exempted from payment of a base rate fee. The "base rate fee" is defined as that fee charged for each annual initial inspection of a building and one reinspection thereafter.

(f) **Determining Inspection Fees.** Fees under section 55.0102.0201 shall be determined by the Fire Chief after an annual review by, and in consultation with, an advisory group appointed by the City Manager. The advisory group shall include representatives from the affected industrial sector. The fees shall be promulgated in the City Clerk Composite Rate Book. Such fees shall be exclusive of any

fees for permits required under any other section of the San Diego Municipal Code or U.F.C. (1991 Edition).

(g) **Authorizing Inspection Fees for Other Public Agencies.** Unless otherwise provided for, the Fire Chief may authorize the performance of inspections and related services for other public agencies on a cost-reimbursable basis.

**SEC. 55.0102.0303 BOARD OF APPEALS**

U.F.C. 2.303 (1991 Edition) is adopted with changes to read as follows:

When a question involving the interpretation of the intent and purpose of any provisions of the San Diego Fire Code or the suitability of alternate materials and types of construction is presented to the Fire Chief, the Fire Chief may request the Board of Appeals and Advisors to investigate such matters under the procedures established in section 91.0204 of the San Diego Municipal Code regarding building inspection. The request for Board action may come from any citizen that is affected by the San Diego Fire Code.

Section 4. That Chapter V, Article 5, Division 1, of the San Diego Municipal Code be and the same is hereby amended by adding section 55.0104.0107, to read as follows:

**SEC. 55.0104.0107 REVOCATION OF PERMITS**

U.F.C. 4.107 (1991 Edition) is adopted with changes to read as follows:

Paragraph one (unnumbered) - no change.

Subsections (a) through (e) (untitled) - no change.

(f) **Notice of Intent to Revoke.** Except as otherwise provided in section 55.0104.0107, if the Fire Chief determines that there has been a violation of the terms, conditions, lawful requirements or provisions of any permit or approval issued by the City, the Fire Chief may issue a notice of intent to revoke to the permittee. The notice of intent to revoke shall inform the permittee of the violation and provide a reasonable time for compliance with the applicable conditions or regulations. If the permittee fails to correct the violations outlined in the notice of intent to revoke within the specified period of time, the Fire Chief shall schedule a hearing to revoke, suspend or modify the permit or approval.

(g) **Revocation Hearing.** The following provisions shall apply when determining whether to revoke, suspend or modify a permit:

(1) **Notice.** The Fire Chief shall mail a notice of revocation hearing to the permittee and to any persons who request such notice no later than ten (10) calendar days before the date of the revocation hearing.

(2) **Presentation of Evidence.** The Fire Chief shall present evidence of any violations at the hearing and the permittee shall be provided an opportunity to rebut the evidence.

(3) **Findings.** The permit may be revoked, modified, or suspended if the Fire Chief finds that any

conditions of sections (a) through (e) of U.F.C. section 4.107 (1991 Edition) exist.

(4) **Fire Chief Decision Final.** The decision of the Fire Chief following a revocation hearing shall be final.

(5) **Designation of Hearing Officer.** The Fire Chief may designate a hearing officer to conduct the revocation hearing and make the final decision.

Section 5. That Chapter V, Article 5, Division 1, of the San Diego Municipal Code be and the same is hereby amended by amending section 55.0104.0108, to read as follows:

**SEC. 55.0104.0108 PERMIT REQUIRED**

U.F.C. 4.108 (1991 Edition) is adopted in its entirety with changes to read as follows:

Paragraph one (unnumbered) - no change.

(a) (1). **Aerosol products** - no change.

(a) (2). **Aircraft refueling vehicles** - no change.

(a) (3). **Aircraft repair hangar** - no change.

**Assembly.** See "places of assembly."

(a) (4). **Automobile wrecking yard** - no change.

(b) (1). **Bowling pin or alley refinishing** - no change.

(c) (1). **Candles and open flames in assembly areas** - no change.

(c) (2). **Carnivals and fairs** - no change.

(c) (3). **Cellulose nitrate film** - no change.

(c) (4). **Cellulose nitrate storage** - no change.

- (c) (5). **Combustible fiber storage** - no change.
- (c) (6). **Combustible material storage** - no change.
- (c) (7). **Compressed gases** - no change.
- (c) (8). **Cryogenics** - no change.
- (d) (1). **Dry cleaning plants** - no change.
- (d) (2). **Dust-producing operations** - no change.
- (e) (1). **Explosive or blasting agents** - no change.
- (f) (1). **Fire hydrants and water-control valves** - no change.
- (f) (2). **Fireworks** - no change.
- (f) (3). **Flammable or combustible liquids** - no change.
- Subsections A. through G. - no changes.
- (f) (4). **Fruit ripening** - no change.
- (f) (5). **Fumigation or thermal insecticidal fogging** - no change.
- (g) (1). **Garages** - no change.
- (h) (1). **Hazardous materials.** - no change.
- (h) (2). **Hazardous production materials** - no change.
- (h) (3). **High-piled combustible storage** - no change.
- (h) (4). **Hydrants** To use a fire hydrant for other than its intended purpose, a permit is required pursuant to section 10.103 of the U.F.C. (1991 Edition).
- (j) (1). **Junk yards** - no change.
- (k) - Does not exist in the U.F.C (1991 Edition).
- (l) (1). **Liquefied petroleum gases** - Section 55.0104.0108(1)(1) of the U.F.C. (1991 Edition) is not adopted as part of the San Diego Fire Code.
- (l) (2). **Liquid- or gas-fueled vehicles or equipment in**

**assembly buildings - no change.**

(l)(3). **Lumber yards - no change.**

(m)(1). **Magnesium working - no change.**

(m)(2). **Mall, covered - no change.**

(m)(3). **Matches - no change.**

**Subsections A. through D. - no change.**

(n)(1) **Nitrate film - no change.**

(o)(1). **Occupant load increase - no change.**

(o)(2). **Open burning - no change.**

(o)(3). **Organic coatings - no change.**

(o)(4). **Ovens, industrial baking or dying - no change.**

(p)(1). **Parade floats - no change.**

(p)(2). **Places of assembly - no change.**

(p)(3). **Pyrotechnical special effects material - no change.**

(q) - Does not exist in U.F.C. (1991 Edition).

(r)(1). **Radioactive materials - no change.**

(r)(2). **Refrigeration equipment - no change.**

(s)(1). **Spraying or dipping - no change.**

(t)(1). **Tents, canopies and temporary membrane structures - no change.**

(t)(2). **Tire recapping - no change.**

(t)(3). **Tire storage - no change.**

(t)(4). **Trade Shows.** To hold a trade show, exhibit, fair, concert, convention or vehicle show, a permit is required pursuant to section 25.118 of the U.F.C. (1991 Edition).

(u) through (v) - Do not exist in U.F.C. (1991

Edition).

(w) (1). **Waste material handling plant.** - no change.

(w) (2). **Welding and cutting operations.** - no change.

(x) through (y) - Do not exist in U.F.C. (1991

Edition).

(z) (1). **Christmas Tree.** To apply fire retardant treatment to Christmas trees when required by the Fire Chief.

Tables No. 4-108-A through No. 4.108-C of section 4.108 of the U.F.C. (1991 Edition) are hereby adopted without change.

Section 6. That Chapter V, Article 5, Division 2, of the San Diego Municipal Code, be and the same is hereby amended by amending section 55.0209.0108, to read as follows:

**SEC. 55.0209.0108 FABRICATION AREA**

U.F.C. 9.108 (1991 Edition) is adopted in its entirety with definition of "festival seating" added to read as follows:

"Festival seating" means seating configurations which do not have defined aisles, rows, columns, or predetermined reserved seating.

Section 7. That Chapter V, Article 5, Division 2, of the San Diego Municipal Code, be and the same is hereby amended by adding sections 55.0209.0114 and 55.0209.0121, to read as follows:



**SEC. 55.0209.0114 LABELED.**

U.F.C. 9.114 (1991 Edition) is adopted in its entirety with the definition of "liquid storage warehouse" changed as follows:

"Liquid Storage Warehouse" means a Group H, Division 3, occupancy used for the storage of flammable or combustible liquids in an unopened condition. The quantities of flammable or combustible liquids stored are not limited.

**SEC. 55.0209.0121 SAFE DISPERSAL AREA**

U.F.C. 9.121. (1991 Edition) is adopted in its entirety with the definition of "solid shelving" changed as follows:

"Solid shelving" means solid, slatted or other types of shelves located within racks which can promote horizontal fire spread throughout the racks and obstruct sprinkler water penetration down through the racks. The area of a solid shelf is defined by the area between approved flue spaces at all four edges of the shelf. Racks with fixed slatted shelves having uniform openings of at least 50%, with the maximum slat width between openings not exceeding 6-inches and with at least 3-inch transverse flues at rack uprights or at least every 10 feet of rack length, can be treated as racks without solid shelves. Racks with grated, mesh or other type shelves having uniform openings not more than 6-inches apart, comprising at least 50% of overall shelf area, and with adequate flue spaces between

blocks of storage on the same tier, can be treated as racks without solid shelves.

Section 8. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and the same is hereby amended by repealing section 55.0310.0207, and reenacting it by adding sections 55.0310.0201, 55.0310.0203, 55.0310.0204, 55.0310.0205, 55.0310.0206, 55.0310.0207, to read as follows:

**SEC. 55.0310.0201 GENERAL**

U.F.C. 10.201 (1991 Edition) is adopted with changes to read as follows:

Fire lanes or fire apparatus access roads along public streets or on private property shall be provided and maintained in accordance with and under the authority of the provisions of this Article.

**SEC. 55.0310.0203 REQUIRED ACCESS**

U.F.C. 10.203 (1991 Edition) is adopted with changes to read as follows:

(a) **General.** Except as provided in section 55.0310.0203(b), fire lanes or fire apparatus access roads shall be required for every facility, building or portion of a building constructed or moved into after February 9, 1975, when any portion of the facility or any portion of an exterior wall of the first story of the building is located more than 150 feet from fire department vehicle access from a public street or highway as measured by an unobstructed

route around the exterior of the building. The City Council further finds and declares that fire apparatus access is required as a matter affecting public health and safety for those buildings constructed prior to February 9, 1975 along any existing drives or roadways over which an affected property owner has a legal right of access.

**(b) Exceptions:**

(1) When buildings are completely protected with an approved automatic fire sprinkler system, the provisions of section 55.0310.0203 may be modified by the Fire Chief.

(2) When access roads cannot be installed due to topography, waterways, nonnegotiable grades or other similar conditions, the Fire Chief is authorized to require additional fire protection as specified in section 10.501(b) of the U.F.C. (1991 Edition).

(3) When there are not more than two Group R, Division 3, or Group M Occupancies, the requirements of section 55.0310.0203 may be modified provided that, in the opinion of the Fire Chief, firefighting or rescue operations would not be impaired.

**(c) Required Access.** More than one fire apparatus road shall be provided when it is determined by the Fire Chief that access by a single road may be impaired by vehicle congestion, condition of terrain, climatic conditions or any other factors that could limit access.

(1) Required access for high-piled combustible storage is governed by section 81.109(a) of the U.F.C.

(1991 Edition).

(2) Required access for open yard storage is governed by section 30.102 of the U.F.C. (1991 Edition).

(3) Required access for hazardous materials is governed by Article 80 of the U.F.C. (1991 Edition).

(4) Required access for fire safety during construction, alteration or demolition of a building is governed by section 87.103(b) of the U.F.C. (1991 Edition).

**SEC. 55.0310.0204 SPECIFICATIONS**

U.F.C. 10.204 (1991 Edition) is adopted with changes to read as follows:

(a) **Dimensions.** Fire apparatus access roads shall have an unobstructed width of not less than 20 feet and unobstructed vertical clearance of not less than 15 feet 6 inches.

(b) **Exception.** Upon approval by the Fire Chief, vertical clearance may be reduced, provided such reduction does not impair access by fire apparatus and approved signs are installed and maintained indicating the established vertical clearance.

(c) **Surface.** Except for access to buildings constructed prior to February 9, 1975, fire lanes or fire apparatus roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with a surface so as to provide all-weather driving capabilities.

(d) **Turning Radius** - no change.

(e) **Dead Ends** - no change.

(f) **Bridges.** Except for access to buildings constructed prior to April 22, 1982, any bridge to be used as access under section 55.0310.0204 shall be constructed and maintained in accordance with the applicable sections of the Uniform Building Code, as adopted by the City of San Diego in Chapter IX of the Municipal Code, using designed live loading sufficient to carry the imposed loads of fire apparatus. For access to buildings constructed prior to April 22, 1982, it shall suffice if such bridge was built in accordance with the building standards then in effect. If it is determined by the Fire Chief that the loading will not safely support the imposed loads of fire apparatus, the Fire Chief shall have no duty to operate fire apparatus over such access.

(g) **Grade** - no change.

**SEC. 55.0310.0205 OBSTRUCTION**

U.F.C. 10.205 (1991 Edition) is adopted with changes to read as follows:

The required width of any fire apparatus access road shall not be obstructed in any manner, including parking of vehicles. Minimum required widths and clearances established under section 55.0310.0205 shall be maintained at all times. Illegally parked vehicles may be towed when necessary for emergency vehicle access.

**SEC. 55.0310.0206 MARKING**

U.F.C. 10.206 (1991 Edition) is adopted with changes to read as follows:

When required by the Fire Chief, approved signs or other approved markings or notices shall be provided and maintained in accordance with the California Vehicle Code for fire lanes or fire apparatus access roads to identify such roads or prohibit the obstruction thereof. It is unlawful to fail to provide or maintain duly required fire lane access or to install or remove any markings, designations, or signs for fire lane access without the authorization of the Fire Chief or the City Manager.

**SEC. 55.0310.0207 PROCEDURE**

U.F.C. 10.207 (1991 Edition) is adopted with changes to read as follows:

Property owners shall be responsible for providing the required access and markings for fire lanes or fire apparatus roads on private property. Property owner(s) shall be notified by mail or by the posting of a notice along the proposed public or private access route at least thirty (30) calendar days in advance of the required action. At the end of thirty (30) calendar days or after the Fire Chief has considered any objections and made any permissible modifications appropriate to carry out the intent of section 55.0310.0207, whichever is later, an order may be issued by the Fire Chief. For access along private property or

private rights of way, the property owner shall have fifteen (15) calendar days thereafter in which to comply before the Fire Chief shall cause the lane to be installed and to bill the administrative and direct costs incurred to the affected property owner.

Section 9. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by renumbering existing section 55.0310.0208 to read 55.0310.0301 and existing section 55.0310.0301 to read 55.0310.0501, and amending these sections to read as follows:

**SEC. 55.0310.0301 PREMISES IDENTIFICATION**

U.F.C. 10.301 (1991 Edition) is adopted with changes to read as follows:

(a) **General.** Approved numbers, or addresses, shall be placed on all new and existing buildings adjacent to the principal entrance. Where the numbers posted at the entrance are not easily visible from the street, additional numbers shall be posted on the building or at a point that is plainly visible and legible from the street on which the building is addressed. For buildings used exclusively for residential purposes, such numbers shall be at least two and one-half (2 1/2) inches in height. For buildings used wholly or in part for commercial, industrial or institutional purposes, such numbers shall be a minimum of six (6) inches in height. If

necessary, directory and additional directional signs shall be posted showing proper access to a given address, from the point where the Fire Department access roadway leaves the dedicated street, to the entrance of each addressed building. All such numbers shall be placed on a contrasting background.

(b) **Street or Road Signs** - no change.

**SEC. 55.0310.0501      INSTALLATION OF FIRE PROTECTION AND  
LIFE-SAVING SYSTEMS**

U.F.C. 10.501 (1991 Edition) is adopted with changes to read as follows:

(a) **Type required** - no change.

(b) **Special Hazards.** In occupancies of a hazardous nature or where special hazards exist in addition to the normal hazard of the occupancy, or where access for fire apparatus is unduly difficult, additional safeguards may be required consisting of additional fire appliance units, more than one type of appliance, or special systems suitable for the protection of the hazard involved. Such devices or appliances may consist of automatic fire alarm systems, automatic sprinkler or water spray systems, standpipe and hose, fixed or portable fire extinguishers, breathing apparatus, manual or automatic covers, carbon dioxide, foam, halogenated and dry chemical, or other special fire extinguishing systems. Where such systems are installed, they shall be in accordance with the applicable U.F.C.



Standards (1991 Edition) or standards of the National Fire Protection Association when U.F.C. Standards (1991 Edition) do not apply.

When normal power fails and when emergency power is provided, all ventilation systems installed to ventilate underground parking garages shall be operable using emergency systems.

(c) **Buildings under Construction.** - no change.

(d) **Installation of Fire Sprinklers in Existing High-rise Buildings.**

(1) **Purpose and intent.** The Council hereby finds as a matter directly affecting public safety and the life safety of occupants of high-rise buildings and the public safety personnel involved in fire suppression activities in high-rise buildings that it is necessary to install fire sprinkler systems in all existing high-rise buildings which were previously exempt from such installation. Those buildings in which such sprinkler systems have been installed under the provisions of Title 24, California Code of Regulations section 2-1807 are exempt from section 55.0310.0501(d).

(2) **Definitions.** For purposes of section 55.0310.0501(d), the following terms have the following definitions:

(A) "High-rise building" means any building or structure of any type of

construction or occupancy having floors used for human occupancy located more than seventy-five (75) feet above the lowest floor level having building access, except for the following:

(i) "hospitals," as defined in Health and Safety Code section 1250;

(ii) buildings used exclusively as open parking garages;

(iii) buildings where all floors above the seventy-five (75) foot level are used exclusively as open parking garages and are located above all other floors used for human occupancy;

(iv) buildings such as power plants, look-out towers, steeples, green houses and similar structures with noncontinuous human occupancy as may be determined by the Fire Chief;

(v) any buildings or structures owned by any governmental agency other than the City of San Diego;

(vi) R-1 occupancies as defined in this San Diego Fire Code, except hotels and motels.

(B) "Building access" means an exterior door opening and conforming to all of the following: (1) is suitable and available for fire department use; (2) is

located not more than two (2) feet above the adjacent ground level; (3) leads to a space, room or area having foot traffic communication capability with the remainder of the building; and (4) is designed to permit penetration through the use of fire department forcible-entry tools and equipment unless other approved arrangements have been made with the Fire Chief.

(C) "Owner" means every person who, or entity which, alone or jointly or severally with others has legal title to any building or structure or the legal right to structurally alter or modify such building or structure.

(3) **Applicability.** Except as provided in section 55.0310.0510(d), the provisions of section 55.0310.0510 relating to installation of automatic fire sprinkler systems are hereby made applicable to all existing high-rise buildings, as defined in section 55.0310.0510(d)(2), which were previously exempted from such installation, regardless of the date of construction or issuance of a certificate of occupancy for that building.

(4) **Fire Sprinkler System.** Automatic fire sprinkler systems required under section 55.0310.0510(d) shall be installed in accordance with Uniform Building Code Standard No. 38-1, as presently or hereafter adopted by the Council of The City of San Diego, with the express provision that any later standard therein that imposes more stringent fire and life safety requirement shall apply at the time of

installation.

(5) **Schedule of Implementation.** Each owner of a high-rise building, as defined in section 55.0310.0510(d)(2), shall install an approved automatic fire sprinkler system in each high-rise building in accordance with the following schedule:

(A) By January 1, 1990, the building owner shall submit a work plan to the Fire Chief for approval, which work plan shall include technical sprinkler drawings and a time table for complete installation in accordance with section 55.0310.0510(d)(5). The plan shall detail a schedule for completing the fire sprinkler system installation, giving priority to those floors in excess of seventy-five (75) feet above the lowest floor level having building access. The Fire Chief is authorized to modify the schedule in section 55.0310.0510(d)(5) to accommodate long-term leases; once approved, however, the schedule and plans may not be further modified.

(B) By January 1, 1993, one-third (1/3) gross square footage of the structure shall be fire sprinklered.

(C) By January 1, 1996, two-thirds (2/3) gross square footage of the structure shall be fire sprinklered.

(D) By January 1, 1999, the entire gross square footage of the structure shall be fire sprinklered.

(E) The owner of any high-rise building or

structure that is subject to the provisions of section 55.0310.0510(d)(5) and that contains significant quantities of asbestos that will interfere with such installation shall have the option of instead equipping the entire gross square footage of the building or structure with an automatic fire sprinkler system by January 1, 1996; provided, however, that under this option, the owner of the building or structure shall be deemed to have waived any further extension of time for compliance. In order to be eligible for this option, the owner must establish the presence of asbestos in the affected building, that it is impossible or impractical to complete the work in increments, with supporting rationale, and that the work plan submitted clearly demonstrates that all tenants will be vacated and all work will be completed within the specified time frame.

For purposes of section 55.0310.0510(d)(5), the gross square footage of a building or structure includes the sum total of all the floor areas for all floor levels, basements and sub-basements, measured from the exterior walls, irrespective of the existence of interior fire resistive walls, floors and ceilings.

Notwithstanding the compliance schedule above, any owner of any high-rise building or structure subject to the provisions of section 55.0310.0510(d)(5) which

contains significant quantities of asbestos, who agrees in writing prior to January 1, 1996, to demolish the subject building, shall be exempt from the compliance schedule set forth in section 55.0310.0510(d)(5).

The written agreement shall constitute a covenant running with the land. Such agreement shall be recorded in the office of the County Recorder, San Diego County.

The recordable agreement form (demolition agreement) shall be provided by the City.

(6) **Waiver of Other Provisions.** The Fire Chief or Building Official is hereby authorized to waive or modify any or all of the following provisions of the U.F.C. (1991 Edition) or the Uniform Building Code as adopted by the City in Chapter IX of the San Diego Municipal Code when requiring the retrofitting of existing high-rise buildings with automatic fire sprinkler systems pursuant to section 55.0310.0510(d)(5): (1) underground water storage tanks will not be required; (2) fire pump size or installation can be reduced or eliminated, depending upon the adequacy of water pressure available to the building; (3) existing dead end corridors without intervening doors may be permitted; (4) existing ventilation shafts may be permitted; and (5) existing transoms may be allowed.

(7) **Appeal and Modification Provisions.** The owner of a high-rise building covered under section 55.0310.0510(d) may appeal a decision made by the Fire Chief under section 55.0310.0510(d). An appeal shall

be made to the City Manager via the Board of Appeals pursuant to the provisions of San Diego Municipal Code 55.0102.0303. For the purposes of section 55.0310.0510(d), the Board of Appeals may recommend a variance from any provision of section 55.0310.0510(d), the suitability of alternate materials and methods of sprinkler system installation, and may provide reasonable interpretations of section 55.0310.0510(d), so long as such interpretations do not conflict with the purpose, intent and general objectives of section 55.0310.0510(d) nor extend the time for compliance established in section 55.0310.0510(d) (5).

In considering whether to waive compliance with the provisions of section 55.0310.0510(d), the Board of Appeals may, in addition to any other considerations it deems appropriate, examine the architectural or historical significance of the building or structure. The City Manager shall thereafter consider the recommendations of the Board of Appeals and issue a final decision based thereon. The City Manager's decision shall then constitute the owner's exhaustion of administrative remedies.

(8) **Violations.** It is unlawful for any owner to allow any person not involved in construction or maintenance duties to occupy any portion of a high-rise building covered under the provisions of section 55.0310.0510(d) which fails to comply with the schedule of implementation for sprinkler installation set forth

in section 55.0310.0510 (d)(5), except as may be authorized by the Fire Chief or City Manager.

If any high-rise building or structure is exempt from the compliance schedule set out in section 55.0310.0510(d)(5) because the owner agreed in writing to demolish the subject building by January 1, 1996, it is unlawful for that building owner to allow any person, other than construction or maintenance workers involved in minimal maintenance to prevent the building or structure from being in an unsafe condition or involved in the installation of an approved automatic fire sprinkler system, to occupy the building or structure after January 1, 2000, if the building or structure has not been demolished pursuant to that exemption. Any minimal maintenance work shall be approved in advance and in writing by the City Manager. The high-rise building or structure shall not be occupied until an approved fire sprinkler system has been completely installed.

Section 10. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code is hereby amended by adding section 55.0310.0404, to read as follows:

**SEC. 55.0310.0404 FIRE HYDRANT MARKERS**

When required by the Fire Chief, hydrant locations shall be identified by the installation of reflective blue-colored markers affixed to the roadway surface approximately



centered between curbs and at a right angle to the hydrant. Markers shall be placed so as to not be covered by parked vehicles or other objects. The use of reflective blue-colored markers for any other purpose is prohibited.

Section 11. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending and renumbering section 55.0310.0306, to read as follows:

**SEC. 55.0310.0507      REQUIRED INSTALLATIONS OF AUTOMATIC FIRE EXTINGUISHING SYSTEMS**

U.F.C. 10.507 (1991 Edition) is adopted with changes to read as follows:

(a) **General.** An automatic fire extinguishing system shall be installed in the occupancies and locations as set forth in this section.

For special provisions on hazardous chemicals and magnesium, and calcium carbide, see section 10.501 and Articles 45, 48, 49 and 80 of U.F.C. (1991 Edition).

Notwithstanding the provisions of section 1.103(b) of the U.F.C. (1991 Edition), this section shall be applied prospectively to all buildings constructed after July 10, 1989.

(b) **All Occupancies except Group R, Division 3 and Group M. - no change**

(c) **Group A Occupancies - subsections 1. through 7. - no change.**

(d) **Group B, Division 2 Occupancies** - no change.

(e) **Group E Occupancies** - subsections 1. through 2. -  
no change

(f) **Group H Occupancies** - subsections 1. through 6. -  
no change.

(g) **Group I Occupancies** - no change.

(h) **Group R, Division 1 Occupancies.** An automatic sprinkler system shall be installed throughout every apartment house three (3) or more stories in height or containing more than sixteen (16) dwelling units, in congregated residences three (3) or more stories in height and having an occupant load of fifty (50) or more, and in hotels three (3) or more stories in height or containing twenty (20) or more guest rooms. Residential or quick-response standard sprinkler heads shall be used in the dwelling unit and guest room portions of the building.

Notwithstanding the provisions of section 1.103(b) of the U.F.C. (1991 Edition), section 55.0310.0507(h) shall be applied to all buildings constructed after July 10, 1989.

Section 12. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by adding section 55.0310.0508, to read as follows:

**SEC. 55.0310.0508 SPRINKLER SYSTEM SUPERVISION ALARMS**

U.F.C. 10.508 (1991 Edition) is adopted with

changes to read as follows:

(a) **General.** All valves controlling the water supply for automatic sprinkler systems and water-flow switches on all sprinkler systems shall be electrically supervised when the number of sprinklers is twenty (20) or more.

Valve supervision and water-flow alarm and trouble signals shall be distinctly different and shall be automatically transmitted to an approved central station, remote station or proprietary supervising station as defined by the National Fire Protection Association, or, when approved by the Building Official with the concurrence of the Fire Chief, sound an audible signal at a constantly attended location.

(b) **Exception.** Underground key or hub valves in roadway boxes provided by the municipality or public utility need not be supervised.

Section 13. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending and renumbering section 55.0310.0309 to read as follows:

**SEC. 55.0310.0510 STANDPIPES**

U.F.C. 10.510 (1991 Edition) is adopted with changes to read as follows:

(a) **General** - no change.

(b) **Where Required.** Standpipe systems shall be provided as set forth in Table No. 10.510-A of section 55.0310.0510. In addition, standpipe requirements

shall be determined by the relationship of the Fire Department access road to the building.

- (c) Location of Class I Standpipes - no change.
- (d) Location of Class II Standpipes - no change.
- (e) Location of Class III Standpipes - no change.

**TABLE NO. 10.510-A STANDPIPE REQUIREMENTS  
OF SECTION 55.0310.0510**

	Nonsprinklered Building 1		Sprinklered Building 2 3	
	Standpipe Class	Hose Requirement	Standpipe Class	Hose Requirement
1. Occupancies exceeding 75 feet in height and more than one story	N/A	N/A	III	No
2. Occupancies 4 stories or more but less than 75 feet in height, except Group R, Division 3	I and II 4 (or III)	5 No	Combined System	No
3. Group A Occupancies requirement with occupant load exceeding 1,000	II	Yes	No Requirements	No
4. Group A, Division 2.1 Occupancies over 5000 square feet in area used for exhibition	II	Yes	II	Yes
5. Groups I,H,B,	II 4	Yes	No	No

Division 1, 2  
requirement  
or 3 Occupancies  
less than 4 stories  
in height but  
greater than 20,000  
square feet per floor

Requirements

<sup>1</sup>Except as otherwise specified in Item 4 of this table, Class II standpipes need not be provided in basements having an automatic fire-extinguishing system throughout.

<sup>2</sup>The standpipe system may be combined with the automatic sprinkler system.

<sup>3</sup>Portions of otherwise sprinklered buildings which are not protected by automatic sprinklers shall have Class II standpipes installed as required for the unsprinklered portions.

<sup>4</sup>In open structures where Class II standpipes may be damaged by freezing, the building official may authorize the use of Class I standpipes which are located as required for Class II standpipes.

<sup>5</sup>Hose is required for Class II standpipes only.

<sup>6</sup>Class II standpipes need not be provided in assembly areas used solely for worship.

Section 14. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending and renumbering section 55.0310.0316, to read as follows:

**SEC. 55.0310.0514 PRE-FIRE AND EMERGENCY PLANNING**

Owners, operators, tenants, administrators and managers of educational and institutional occupancies, hotel and apartment occupancies containing fifteen (15) or more units, and all high-rise buildings shall, when required by the Fire Chief, establish pre-fire and emergency procedures and plans which shall include but

not necessarily be limited to the following:

(1) Designation of a responsible person as Safety Director who shall work with the Fire Chief in the establishment, implementation and maintenance of pre-fire and emergency plans.

(2) Preparation of pre-fire and emergency plans which shall be designed and implemented in accordance with the approval of the Fire Chief.

Section 15. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by repealing sections 55.0310.0401 and 55.0311.0204.

Section 16. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by adding section 55.0311.0303, to read as follows:

**SEC. 55.0311.0303 STORAGE, USE AND HANDLING OF  
MISCELLANEOUS COMBUSTIBLE MATERIALS**

U.F.C. 11.303 (1991 Edition) is adopted with changes to read as follows:

- (a) **General** - no change.
- (b) **Storage in Building** - no change.
- (c) **Use of Flammable Decorative Material** - no change.
- (d) **Atrium Furnishings** - no change.
- (e) **Outside Storage** - no change.
- (f) **Outside Storage of Tires** - no change.
- (g) **Cut Trees.**

(1) Except as provided in section 55.0311.0303(g)(6), no person shall flameproof or apply fire-resistive treatment to any cut tree required to be flameproofed by section 55.0311.0303 unless such person has been issued a permit.

(2) The Fire Chief may give an examination to determine that the applicant possesses the necessary qualifications required to perform a satisfactory job of flameproofing or fire-resistive treatment.

(3) In the flameproofing or fire-resistive treatment of any cut tree, only such chemicals or compounds and methods of treatment as are approved by the Fire Chief shall be used.

(4) Following the flameproofing of fire-resistive treatment of any cut tree, there shall be firmly affixed thereto, on the base of the tree, a tag or label which shall contain the following information:

(A) Name of the person performing the treatment; and

(B) Firm or business name and address; and

(C) Name or description of chemical or compound used for treatment; and

(D) Date of application; and

(E) Each tag or label shall be serially numbered and a record kept thereof.

(5) Each person, firm or corporation giving flameproofing or fire-resistive treatment shall maintain a written list of all such work performed

giving the serial number of the tag or label attached to the tree, the name and address of the person, firm or corporation for whom the work was performed, and the date of treatment and location where the tree is to be placed.

(6) **Exception.** Trees that are three (3) feet or less in height are exempt from section 55.0311.0303(g) (1) through (5).

Section 17. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending and renumbering section 55.0311.0210, to read as follows:

**SEC. 55.0311.0305 VEHICLES LEAKING GASOLINE**

The Fire Chief may order the removal of any vehicle from a highway or from public or private property if it is leaking gasoline and creates a fire hazard.

Section 18. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending section 55.0311.0412, to read as follows:

**SEC. 55.0311.0601 VACANT AND UNSECURED STRUCTURES**

U.F.C. 11.601 (1991 Edition) is adopted with changes to read as follows:

(a) **Duty to Clean and Secure.** Every person who owns or is in charge or control of any vacant building shall remove all accumulations of flammable or combustible waste



or rubbish from the interior of the premises and surrounding yards and shall securely lock, barricade or otherwise secure all doors, windows and other openings in accord with specifications promulgated by the Fire Chief.

(b) **Failure to Clean and Secure.** In the event the owner fails, neglects or refuses to remedy any condition which renders a structure unsecured, the Fire Chief may order the owner of such structure prosecuted as a violator of the provisions of these sections or may proceed to cause the accomplishment of the necessary remedial work through the administrative abatement procedures specified in section 55.0311.0601(d).

(c) **Definition.** For purposes of section 55.0311.0601(d), the term "vacant structure or unsecured structure" means any vacant or abandoned building or similar structure which is vulnerable to the insertion of ignition or incendiary devices or entry by unauthorized persons because of unsecured doorways or window openings or holes in the exterior of the structure.

(d) **Abatement Procedure for vacant or unsecured structures.**

(1) **Public Nuisances.** The Council specifically finds and declares that vacant structures or unsecured buildings are public nuisances by virtue of their vulnerability to the insertion of ignition devices or to entry by unauthorized persons and are thereby a threat to public safety. The Council further finds and

declares that immediate abatement is necessary and authorizes the following procedures in lieu of the administrative procedure set forth in sections 13.0301 through 13.0320 of the San Diego Municipal Code.

(2) **Abatement Notice.** Whenever the Fire Chief determines that a vacant structure or unsecured building exists within The City of San Diego, an order may be sent to the owner of record directing abatement by cleaning and barricading pursuant to the criteria established in section 13.0305(c). The owner shall begin abatement within ten (10) calendar days from the date of mailing of the order. A copy of the order shall be posted on or in front of the property. All notices shall be sent in the manner prescribed in section 13.0305(c). If the owner does not comply with the order, the Fire Chief shall proceed to abate the vacant structure or unsecured building. Any defect in notice shall not invalidate the proceedings or order to abate a nuisance.

(3) **Appeal and Hearing.** The property owner or any other party with an ownership interest in the property may appeal within the ten (10) calendar day period by writing to the Fire Chief, who shall then request the City Manager to appoint a Hearing Officer to immediately hear any objections why abatement shall not be ordered or effected. The Hearing Officer's decision shall be final and conclusive, subject only to later confirmation of costs by the City Manager. Abatement

shall not proceed until the Hearing Officer's decision is rendered, unless an imminent fire hazard is present as determined by the Fire Chief.

(4) **Waiver.** Failure to request a hearing shall constitute a waiver and the Fire Chief may proceed to abate the condition at the time stated in the notice or as soon thereafter as practicable.

(5) **Cancellation Costs.** If the owner or any other person with an ownership interest in the property abates the nuisance as ordered prior to the actual commencement of work by City forces or City contractor, the Fire Chief may assess a reasonable charge against the owner for the actual administrative costs incurred.

(6) **Standards for Abatement.** A vacant structure or unsecured building, when ordered abated, shall be corrected or abated by either the owner, agent, person in possession or the Fire Chief, as appropriate, according to the following specifications and requirements:

(A) All accumulated debris that poses a fire or health hazard within or upon the property or premises shall be removed;

(B) All unsecured door ways, windows or exterior openings shall be barricaded with 1/2 inch minimum thickness exterior grade plywood which shall extend to the molding stops or studs. At least two wood stocks of minimum 2 x 4 inch thickness shall be mounted to the reverse face of

the plywood with 3/8 inch minimum carriage bolts mated with nuts and two flat washers; the stock shall extend a minimum of eight (8) inches on each side of the interior wall. All hardware shall be galvanized or cadmium plated.

(C) All exterior barricade material shall be painted the predominant color of the structure.

(7) **Barricade Materials.** Barricade materials supplied by the City shall become the property of the property owner upon satisfaction of abatement costs.

(8) **Notice.** Once the building or structure is secured, the Fire Chief shall post a notice at or near each entrance to the building and on fences or walls as appropriate. These signs shall remain posted until the structure is again lawfully occupied. It shall be in substantially the following form:

**DO NOT ENTER**

**UNSAFE TO OCCUPY**

**It is a misdemeanor to occupy this building, or to remove or deface this notice**

**(San Diego Municipal Code SEC. 55.0311.0601)  
Fire Chief City of San Diego**

(9) **Violations:**

(A) **Trespass.** No person may remain in or enter any building which has been posted pursuant to section 55.0311.0601, except to repair or

demolish such building under proper permit.

(B) **Defacement.** No person shall remove or deface any such notice after it is posted until the required repairs, demolition or removal have been completed or a Certificate of Occupancy has been issued in accord with appropriate provisions of the Uniform Building Code as adopted by the City in Chapter IX of the San Diego Municipal Code.

(10) **Continuous Abatement Order.** If a vacant or unsecured structure previously abated pursuant section 55.0311.0601 again becomes unsecured and open to unauthorized entry or again contains debris, rubbish, excessive vegetative or similar fire hazards, the Fire Chief may, without further notice to the owner, proceed to again abate the nuisance and proceed to recover costs as provided for in section 55.0311.0601.

(11) **Abatement Costs.** Total abatement costs shall include the cost to perform the actual work and the costs of the City's contract administration and supervision.

(12) **Confirmation of Costs Hearing.** Once the abatement is completed, the Fire Chief shall request the City Manager to set a confirmation of costs hearing within thirty (30) calendar days and appoint a Hearing Officer. A copy of the Fire Department's report and final accounting and a notice of the hearing shall be sent to the owner and all other parties with an

ownership interest in the property as provided for in San Diego Municipal Code section 13.0305(c).

The Hearing Officer shall consider the report and final accounting, together with any testimony or objections to its accuracy. The Hearing Officer may either approve or modify the report and accounting. The Hearing Officer shall prepare a final report regarding the abatement and confirmation of costs which shall then constitute the exhaustion of administrative remedies.

**(13) Personal Obligation or Special Assessment.**

The Hearing Officer may order that these costs shall be made a personal obligation of the property owner or assessed against the real property.

If the Hearing Officer orders the costs as a personal obligation of the property owner, the Fire Chief shall send a bill to the property owner and attempt to voluntarily collect the costs using all appropriate and legal means. Should the owner refuse to pay, the Fire Chief shall refer this case to the City Attorney to collect this obligation by use of all appropriate legal remedies.

If the Hearing Officer orders the costs be assessed against the real property, the Fire Chief shall record a Notice of Special Assessment and request the County Auditor to levy a special assessment pursuant to Government Code section 38773.5.

**(14) Notice of Special Assessment.** The Fire Chief

shall cause a copy of the Hearing Officer's final report and a Notice of Special Assessment to be recorded with the County Recorder. A copy of this report and notice shall also be transmitted to the County Auditor requesting a special assessment pursuant to Government Code section 38773.5. The provisions of Government Code sections 38772 through 38773.5 are hereby incorporated by reference and made part of this section.

The Fire Chief shall file a withdrawal of this notice with the County Recorder once: (1) the owner or person responsible pays in full the abatement costs; or, (2) the County Auditor posts a lien on the property pursuant to Government Code section 38773.5.

**(e) Repayment to Nuisance Abatement Superfund.**

All monies recovered by payment of the charge or assessment or from the sale or transfer of the property to cover costs of abating, vacant structure or unsecured building costs shall be paid to the City Treasurer who shall credit the same to the Nuisance Abatement Superfund.

**(f) Reinspection Fee.** The Fire Department shall periodically reinspect a vacant structure or unsecured building to ensure compliance with the San Diego Fire Code, all applicable court orders and the provisions of section 55.0311.0601. The Fire Chief shall assess a reasonable reinspection fee for actual costs of each reinspection and continuous monitoring of the structure and premises as is

reasonably necessary in those instances where the structure is found vacant or building is found unsecured. If the owner refuses to pay the fee, the Fire Chief may proceed to recover reinspection costs as provided for in section 55.0311.0601(d).

(g) **Statement of Intent.** After a building or structure is initially cleaned and secured by either the property owner, responsible party or the City pursuant to judicial or administrative order, the owner or responsible party has thirty (30) calendar days to file a written statement with the Fire Chief explaining his or her intent to rehabilitate or raze the vacant structure or unsecured building and a timetable for completion.

(h) **Continuing Nuisances.** Any vacant structure or unsecured building that was originally secured by the owner's voluntary actions or pursuant to judicial or administrative order may be declared a public nuisance by the Fire Chief who may commence further abatement proceedings seeking possible demolition of the structure or building pursuant to San Diego Municipal Code sections 13.0301 through 13.0306, 91.0203 or any other appropriate abatement procedure if the vacant structure or unsecured building has remained open and unsecured on a continuous basis, thereby requiring periodic inspections by the Fire Department and resecuring of the building or structure.

Section 19. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending and



renumbering section 55.0312.0106 to read as follows:

**SEC. 55.0312.0109 STAIRWAYS AND RAMPS**

U.F.C. 12.109 (1991 Edition) is adopted with changes to read as follows:

- (a) **General** - no change.
- (b) **Barriers** - no change.
- (c) **Storage Under Stairways** - no change.
- (d) **Stairway Identification** - no change.
- (e) **Stairway Illumination.** Existing high-rise

buildings shall be provided with an emergency power supply for exit illumination supplied from storage batteries.

(f) **Unlocked Stairway Doors.** Existing high-rise building exit doors into exit stairway enclosures shall be maintained unlocked from the stairway side on at least every fifth floor level. All unlocked doors shall bear a sign stating "**ACCESS ONTO FLOOR THIS LEVEL.**"

**Exemption.** Stairway doors which are to be locked from the stairway side shall have the capability of being unlocked simultaneously without unlatching upon a signal from an approved location.

(g) **Enclosures.** Stair and ramp enclosures required by the City's Building Code, as adopted in Chapter IX of the San Diego Municipal Code, shall be maintained and shall have no openings except exit

doorways and openings in exterior walls.

(h) **Ramps.** Ramps used as exits shall be maintained in accordance with the City's Building Code, as adopted in Chapter IX of the San Diego Municipal Code.

Section 20. That Chapter V, Article 5, Division 3, of the San Diego Municipal Code be and is hereby amended by amending section 55.0314.0104, to read as follows:

**SEC. 55.0314.0104 REQUIRED INSTALLATIONS**

U.F.C. 14.104 (1991 Edition) is adopted with changes to read as follows:

(a) **General** - no change.

(b) **Group A, Divisions 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 system shall immediately activate an approved prerecorded announcement followed by a distinctive audible signal, using an approved electrically supervised voice communication or public

address system which is audible ten (10) db's above the ambient noise level of the occupancies. Where a fire alarm system is installed in an assembly that has other sound or entertainment equipment, all equipment shall be interconnected to the fire alarm control unit and designed and arranged so that:

(A) The electrical design of the equipment or systems shall not be integral to the internal circuitry of the fire alarm control unit of the system or device;

(B) Such equipment and systems shall be served by a power supply or circuit independent of the power supply or circuit necessary for the function of the control unit or device; and,

(C) Such equipment and systems shall be interconnected to the control unit of the system or device by relays or switching devices which will provide electrical isolation from the system or device to prevent interference or interruption of the normal or intended operation of the fire alarm system or device.

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

(3) **Emergency Power.** Voice or alarm communication and public address systems shall be provided with an approved emergency power source.

(c) **Group B, Division 2 Occupancies.**

(1) **General** - no change.

(2) **High-piled combustible storage uses** - no change.

(3) **Special egress-control devices** - no change.

(4) **Corridors in office uses.** When corridors in an office use serve an occupant load of 100 persons or fewer and are not of one-hour fire-resistive construction, an automatic smoke detection system shall be provided in such corridors. For corridors not defined by full height walls/partitions, smoke detectors shall be required to be installed throughout the area affected by the corridor. Upon activation of the automatic smoke detection system, a fire alarm signal shall sound throughout the same area.

(5) **High-rise offices** - no change.

(6) **Aerosol storage** - no change.

(d) **Group E, Divisions 1 and 3 Occupancies** - no change.

(e) **Group H Occupancies** - no change.

(f) **Group I Occupancies** - no change.

(g) **Group R, Division 1 Occupancies** - no change.

Section 21. That Chapter V, Article 5, Division 4, of the San Diego Municipal Code be and is hereby amended by amending

sections 55.0425.0108, 55.0425.0117, 55.0425.0118 and 55.0425.0119, to read as follows:

**SEC. 55.0425.0108 SEAT SPACING**

U.F.C. 25.108 (1991 Edition) is adopted with changes to read as follows:

- (a) **Bonding of Chairs** - no change.
- (b) **Bleacher Seats and Grandstands** - no change.
- (c) **Festival Seating.** Festival seating, including seating without aisles, rows, columns, or reserved spacing, is not allowed.

**SEC. 55.0425.0117 STANDBY FIRE PERSONNEL**

U.F.C. 25.117 (1991 Edition) is adopted with changes to read as follows:

- (a) Whenever, the Fire Chief determines it is essential for public safety in any place of public assembly or any other place where people congregate, based on the number of persons or the nature of the performance, exhibition, display, contest or activity, the owner, agent or lessees shall employ qualified standby fire personnel in a number as required and approved by the Fire Chief to be on duty at such place. These fire personnel shall be subject to the Fire Chief's orders at all times when so employed and shall remain on duty during the times such places are open to the public, or when such activity is being conducted. The fire personnel shall keep diligent watch for fires

during the time such place is open to the public or such activity is being conducted, and shall take prompt measures for extinguishment of fires that may occur. The fire personnel shall inspect the occupancy for compliance with the San Diego Fire Code and shall ensure that reasonable compliance is maintained during the time such place is open to the public. While on duty, fire personnel shall not be required or permitted to perform duties other than those specified in section 55.0425.0117.

(b) **Standby Fire Personnel - Charges.** Permittees having the services of required standby fire personnel assigned pursuant to section 55.0425.0117 shall be charged by the City for the cost of such services rendered. The cost of such services will be computed by the Fire Department using accepted cost accounting methods including but not limited to the cost of salary, fringe benefits and general overhead. Time cards for the assigned personnel shall be submitted by the Fire Chief to the Auditor and Comptroller and shall be prima facie evidence of the expended work-hours. In no event shall a permittee be charged less than the cost of two work-hours for each standby qualified person.

**SEC. 55.0425.0118 EXHIBITS, FAIRS, TRADE SHOWS, CONCERTS, CONVENTION OR VEHICLE SHOW; PERMIT REQUIRED**

(a) **General.** No exhibit, fair, trade shows,

concert, convention or vehicle show shall be held without a permit issued by the Fire Department. The Fire Department permit shall be for the purpose of inspecting the structure and facilities for fire and life safety and determining standby fire personnel requirements.

(b) **Permit - Security Required.** Before a permit required under section 55.0425.0118 can be issued, the applicant shall deposit with the permit application a surety bond approved by the City Manager in favor of The City of San Diego, or cash, in an amount sufficient to guarantee reimbursement by the applicant to the City for the cost of furnishing standby fire personnel whenever required and assigned under section 55.0425.0117.

In computing the amount of the surety bond, or cash, to be so deposited, the Fire Chief shall estimate both the number of personnel required to be assigned as standby fire personnel and the total work-hours to be expended.

The amount of the required bond, or cash, shall be equal to the total work-hours thus estimated, times the cost per work-hour of the personnel to be assigned pursuant to section 55.0425.0117.

The City Auditor and Comptroller shall provide the Fire Chief with the cost-per-work-hour estimates based upon accepted cost accounting methods including but not limited to salaries, fringe benefits and general overhead.

(c) **Waiver of Security.** The requirements of section 55.0425.0118 for the deposit of a surety bond or cash and the reimbursement to the City shall not apply to governmental agencies or nonprofit organizations whose nonprofit status is listed and declared by the State of California. However, the permittee shall reimburse the City for the cost of standby fire personnel services in accordance with section 55.0425.0117(b).

**SEC. 55.0425.0119 REQUIREMENTS FOR EXHIBITS, FAIRS, TRADE SHOWS OR VEHICLE DISPLAYS (IN BUILDINGS)**

(a) Aisles of a minimum of ten (10) feet in width shall be maintained at all times. The line of travel to an exit door by an aisle shall not be more than one hundred fifty feet (150').

(b) Exhibits, fairs, trade shows, or vehicle displays shall not be placed in lobbies, foyers or the required width of an exit way.

(c) The display in any public building, other than those constructed and classified by the City's Building Code, as adopted in Chapter IX of the San Diego Municipal Code, for the use of automobiles, motorcycles, scooters, or other fuel operated vehicles shall meet the following requirements:

(1) The battery shall be disconnected and the battery cable placed or tied in a position to prevent accidental battery contact.

(2) Fuel tanks shall be equipped with a key-



locking cap or other devices approved by the Fire Marshal. Fill caps that are inaccessible without a key or other locking devices may be approved by the Fire Marshal.

Section 22. That Chapter V, Article 5, Division 4, of the San Diego Municipal Code is hereby amended by amending and renumbering section 55.0432.1100, to read as follows:

**SEC. 55.0432.0110      STANDBY FIRE PERSONNEL FOR TENTS,  
CANOPIES AND TEMPORARY MEMBRANE  
STRUCTURES**

U.F.C. 32.110 (1991 Edition) is adopted with changes to read as follows:

Qualified persons necessary to safeguard the premises shall be provided as required and approved by the Fire Chief in accordance with section 55.0425.0117.

Section 23. That Chapter V, Article 5, Division 5, of the San Diego Municipal Code be and is hereby amended by amending section 55.0545.0203, to read as follows:

**SEC. 55.0545.0203      SPRAY BOOTHS**

U.F.C. 45.203 (1991 Edition) is adopted with changes to read as follows:

- (a) **Materials** - no change.
- (b) **Size** - no change.
- (c) **Surfaces** - no change.
- (d) **Floors** - no change.

(e) **Filter and Baffles.** Spray booths shall be equipped with dry filters or baffle plates. Filters and baffle plates shall be of non-combustible material and readily removable or accessible to facilitate cleaning. The filters and baffle plates shall be designed to provide an even flow of air through the booth and prevent the deposit of overspray before it enters the exhaust duct. Filters or baffle plates shall not be installed in exhaust ducts.

**Exception:** Spray booths equipped with a waterwash system.

- (f) **Deflectors** - no change.
- (g) **Separation** - no change.
- (h) **Clear Space** - no change.
- (i) **Light Fixtures** - no change.
- (j) **Exit Doors** - no change.

Section 24. That Chapter V, Article 5, Division 5, of the San Diego Municipal Code be and is hereby amended by adding section 55.0545.0209, to read as follows:

**SEC. 55.0545.0209 FIRE PROTECTION EQUIPMENT**

U.F.C. 45.209 (1991 Edition) is adopted with changes to read as follows:

- (a) **General.** - no change.
- (b) **Fire Extinguishers.** - no change.
- (c) **Filters.** Space within spray booths on the downstream and upstream sides of filters shall be

protected by an approved automatic fire-extinguishing system.

Section 25. That Chapter V, Article 5, Division 5, of the San Diego Municipal Code be and is hereby amended by repealing section 55.0551.0108.

Section 26. That Chapter V, Article 5, Division 6, of the San Diego Municipal Code be and is hereby amended by renumbering section 55.0661.0105 to become section 55.0661.0104, and existing section 55.0661.0106 to become section 55.0661.0105, and amending these sections to read as follows:

**SEC. 55.0661.0104 FUEL OIL**

U.F.C. 61.104 (1991 Edition) is adopted with changes to read as follows:

The fuel oil used in a burner shall be that for which the burner is approved and as stipulated by the manufacturer.

**Exception:** Commercial or industrial occupancies using burners designed to burn crankcase oil or waste oil containing gasoline are not required to ensure that the fuel oil used in a burner has been approved and as stipulated by the manufacturer.

**SEC. 55.0661.0105 PORTABLE UNVENTED OIL-BURNING HEATING APPLIANCES**

U.F.C. 61.105 (1991 Edition) is adopted with changes to read as follows:

(a) **General** - no change.

(b) **Equipment** - no change.

(c) **Location.** The use of listed portable unvented oil-burning heating appliances shall be limited to supplemental heating in B-2 occupancies only.

**Exception:** Upon approval of the Fire Chief, portable unvented oil-burning heating appliances may be permitted in any occupancy during the construction process when such use is necessary for the construction and the use does not represent a hazard to life or property.

(d) **Fuel** - no change.

Section 27. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by amending section 55.0774.0204, to read as follows:

**SEC. 55.0774.0204 NONFLAMMABLE MEDICAL GAS SYSTEM**

U.F.C. 74.204 (1991 Edition) is adopted with changes to read as follows:

(a) **Supply Location** - no change.

(b) **Use within and Security of Supply Enclosure** - no change.

(c) **Heating and Electrical Equipment near Supply Enclosures** - no change.

(d) **Manifolds** - no change.

(e) **Hose and Fittings** - no change.

(f) **Connections to Regulators, Manifold or Piping** - no change.

(g) **Sizing of Piping** - no change.

(h) **Pressure Regulators** - no change.

(i) **Check Valves** - no change.

(j) **Shutoff Valves** - no change.

(k) **Pressure-relief Valves.** - no change.

Notwithstanding the provisions of section 1.103(b) U.F.C. (1991 Edition), section 55.0774.0704 shall be applied prospectively to all buildings constructed after July 10, 1989.

Section 28. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by renumbering existing section 55.0777.0102 to become section 55.0777.0101 and existing section 55.0771.0105 to become section 55.0777.0104, and amending these sections, to read as follows:

**SEC. 55.0777.0101 EXPLOSIVES AND BLASTING AGENTS - EXCEPTIONS**

U.F.C. 77.101(a) (1991 Edition) is adopted with changes to read as follows:

Paragraph one (unnumbered) - no change.

**EXCEPTIONS:**

(1) through (10) - no change.

(11) Person transporting explosives regulated by

California Vehicle Code sections 31600 through 31620.

**SEC. 55.0777.0104 BOND**

U.F.C. 77.104 (1991 Edition) is adopted with changes to read as follows:

Before a permit is issued, pursuant to U.F.C. section 77.103(a)(3) (1991 Edition), the applicant shall file with the City a \$1 million combined single limit comprehensive general liability insurance policy, naming The City of San Diego as an additional insured, for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit. The Fire Chief may specify a greater or lesser amount when, in the Fire Chief's opinion, application of recognized risk management standards and conditions at the location requires it. Public agencies shall be exempt from the requirement of the issuing of an insurance policy naming The City of San Diego as an additional insured.

Section 29. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by amending and renumbering section 55.0778.0103, to read as follows:

**SEC. 55.0778.0203 POLICY OF INSURANCE FOR FIREWORKS  
DISPLAY REQUIRED**

U.F.C. 78.203 (1991 Edition) is adopted with changes to read as follows:

(a) **General** - no change.

(b) **Pyrotechnic Operator** - no change.

(c) **Insurance.** Before a fireworks permit is issued, the applicant shall file with the City a \$1 million combined single limit comprehensive general liability insurance policy, naming The City of San Diego an additional insured, for the purpose of the payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized by the permit. The Fire Chief may specify a greater or lesser amount when, in the Fire Chief's opinion, application of recognized risk management standards and conditions at the location of use requires it. Public agencies shall be exempt from the requirement of issuing an insurance policy naming the City of San Diego as an additional insured.

(d) **Mortars for Aerial Shell Displays** - no change.

(1) **Site criteria** - no change.

(2) **Construction.** Mortars shall be approved for use with the aerial shells to be fired. Mortars shall be constructed of heavy cardboard, paper, metal (other than cast iron), or high density polyethylene.

(3) **Inspection** - no change.

(4) **Positioning** - no change.

(5) **Securing** - no change.

(6) **Mortar separation** - no change.

- (7) **Moisture protection** - no change.
- (8) **Ground burst protection** - no change.
- (9) **Paper mortars** - no change.
- (10) **Grouping mortars** - no change.
- (11) **Loose gravel and rocks** - no change.
- (12) **Cleaning tool** - no change.
- (e) **Ground Pieces** - no change.
- (f) **Electrical Fire Units** - no change.
- (g) **Inspection** - no change.
- (h) **Supervision** - no change.
- (i) **Display Operation** - no change.

Section 30. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by amending and renumbering section 55.0779.0201, to read as follows:

**SEC. 55.0779.0202      QUANTITY LIMITS, MANNER OF STORAGE AND STORAGE CABINETS**

U.F.C. 79.202 (1991 Edition) is adopted with changes to read as follows:

- (a) **Quantity Limits.** - no change.
- (b) **Manner of Storage.** Containers under 30-gallon capacity shall not be stacked more than three (3) feet or two (2) containers high, whichever is greater, unless stacked on fixed shelving or otherwise satisfactorily secured. Containers over thirty (30) gallons shall not be stored more than one (1) container high. Containers shall



be stored in an upright position.

Piles shall not be closer than three (3) feet to the nearest beam, chord, girder or other obstruction and shall be three (3) feet below sprinkler deflectors or discharge orifices of water spray or other overhead fire protection systems.

In areas that are not accessible to the public, Class I, Class II, and Class III-A liquids shall not be stored in the same pile or rack section as ordinary combustible commodities unless such materials are packaged together as kits.

Leaking containers shall be taken to a safe location in an area not accessible to the public and the contents transferred to an undamaged container.

Class I liquids shall not be stored or displayed in basements.

**(c) Storage Cabinets.**

(1) **General** - no change.

(2) **Quantities.** The quantity of Class I or Class II liquids shall not exceed those amounts listed in Table 9A of the Uniform Building Code as adopted in Chapter IX of the San Diego Municipal Code.

(3) **Construction** - no change.

(4) **Number of cabinets** - no change.

Section 31. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by adding section 55.0779.0403, to read as follows:

**SEC. 55.0779.0403 LOCATIONS ON PROPERTY**

U.F.C. 79.403 (1991 Edition) is adopted with changes to read as follows:

Paragraph one (1) through (5) (unnumbered) - no change in text.

**Table No. 55.0479.0403-A Outdoor Liquid Storage in Containers and Portable Tanks**

**TABLE NO. 79.403-A—OUTDOOR LIQUID STORAGE IN CONTAINERS AND PORTABLE TANKS**

CLASS OF LIQUID	CONTAINER STORAGE—MAXIMUM PER PILE		PORTABLE TANK STORAGE—MAXIMUM PER PILE		MINIMUM DISTANCE BETWEEN PILES OR RACKS (feet)	MINIMUM DISTANCE TO PROPERTY LINE OF PROPERTY THAT CAN BE BUILT UPON <sup>2,3</sup> (feet)	MINIMUM DISTANCE TO STREET, ALLEY OR A PUBLIC WAY <sup>3</sup> (feet)
	QUANTITY <sup>1,4</sup> (gallons)	Height (feet)	QUANTITY <sup>1,4</sup> (gallons)	Height (feet)			
I-A	1,100	10	2,200	7	5	50	10
I-B	2,200	12	4,400	14	5	50	10
I-C	4,400	12	8,800	14	5	50	10
II	8,800	12	17,600	14	5	25	5
III	22,000	18	44,000	14	5	10	5

<sup>1</sup>For mixed class storage, see text of Section 79.403 of the U.F.C. (1991 Edition).

<sup>2</sup>If protection by a public fire department or private fire brigade capable of providing cooling water streams is not available, the distance shall be doubled.

<sup>3</sup>When the total quantity stored does not exceed 50 percent of the maximum allowed per pile, the distances are allowed to be reduced 50 percent, but not less than 3 feet.

<sup>4</sup>For storage in racks, the quantity limits per pile do not apply, but the rack arrangement shall be limited to a maximum of 50 feet in length and two rows or 9 feet in depth.

<sup>5</sup>If an unpierced (free of any openings or penetrations of any type) two-hour fire-resistive wall extending not less than 30 inches above and to the side of the storage is provided, the distance may be reduced to three feet.

Section 32. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by repealing sections 55.0779.0203, 55.0779.0601, 55.0779.0702, 55.0779.0903,

55.0780.0101, 55.0780.0104, and 55.0780.0109.

Section 33. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by amending section 55.0780.0301 and 55.0780.0303, to read as follows:

**SEC. 55.0780.0301 STORAGE CABINETS FOR HAZARDOUS MATERIALS**

U.F.C. 80.301 (1991 Edition) is adopted with changes to read as follows:

**(a) Applicability.**

**(1) General - no change.**

**(2) Quantities exceeding exempt amounts - no change**

**(3) Quantities not exceeding exempt amounts.**

**(A) General - no change.**

**(B) Storage Conditions.** Section 80.301(a)(3)(B) of the U.F.C. (1991 Edition) is not adopted as part of the San Diego Fire Code.

**(C) Contamination prevention - no change.**

**(D) Separation - no change.**

**(4) Materials regulated by other articles - no change.**

**(b) Containers and Tanks - no change.**

**(c) Piping, Valves and Fittings - no change.**

**(d) Signage - no change.**

**(e) Security - no change.**

**(f) Sources of Ignition - no change.**

**(g) Protection from Light - no change.**

- (h) **Shock Padding** - no change.
- (i) **Shelf Storage** - no change.
- (j) **Maximum Quantity on Site** - no change.
- (k) **Storage Plan** - no change.
- (l) **Spill Control, Drainage Control and Secondary**

**Containment.**

(1) **General.** Unless exempted or otherwise provided for in Sections 80.302 through 80.315 of the U.F.C. (1991 Edition), rooms, buildings or areas used for the storage of solid and liquid hazardous materials shall be provided with a means to control spillage and to contain or drain off spillage and fire protection water discharged in the storage area in accordance with section 55.0780.0301(e).

(2) **Spill control** - no change.

(3) **Drainage control** - no change.

(4) **Secondary containment** - no change.

(5) Notwithstanding the provisions of section 1.103(b) of the U.F.C. (1991 Edition), section 55.0780.0301(e) shall be applied prospectively to all buildings constructed after July 10, 1989.

(m) **Ventilation** - no change.

(n) **Separation of Incompatible Hazardous Materials** - no change.

(o) **Hazardous Materials Storage Cabinets.**

(1) **General.** When storage cabinets are used to comply with the provisions of Article 5 Chapter V, of the San Diego Municipal Code, such cabinets shall be

in accordance with section 55.0780.0301

**EXCEPTION:** Compressed gases shall be stored in cabinets designed in accordance with section 55.0780.0303.

Cabinets shall be conspicuously labeled in red letters on contrasting background "Hazardous - Keep Fire Away."

(2) **Construction.** Cabinets may be constructed of wood or metal. Cabinets shall be listed or constructed in accordance with the following:

- (A) No change in this subsection.
- (B) No change in this subsection.
- (C) **Wooden cabinets.** Wooden cabinets, including the doors, shall be of not less than 1-inch exterior grade plywood, or equivalent, which is compatible with the material being stored. Doors shall be well fitted, self-closing and equipped with a latch. Cabinets shall be painted with an intumescent-type paint.
- (p) **Fire-extinguishing Systems** - no change.
- (q) **Explosion Control** - no change.
- (r) **Electrical Wiring and Equipment** - no change.
- (s) **Standby Power** - no change.
- (t) **Limit Controls** - no change.
- (u) **Emergency Alarm** - no change.
- (v) **Supervision** - no change.
- (w) **Protection from Vehicle's** - no change.

- (x) **Clearance from Combustibles.** - no change.
- (y) **Noncombustible Floor** - no change.
- (z) **Professional Engineer** - no change.
- (aa) **Weather Protection** - no change.

**SEC. 55.0780.0303 TOXIC AND HIGHLY TOXIC COMPRESSED GASES**

U.F.C. 80.303 (1991 Edition) is adopted with changes to read as follows:

- (a) **Indoor Storage** - no change in text or table.
- (b) **Exterior Storage.** - no change in text or table.
- (c) **Special Provisions.** Notwithstanding the provisions of section 1.103(b) of the U.F.C (1991 Edition), section 55.0780.0303 in its entirety shall be applied prospectively to all buildings constructed after July 10, 1989, except for buildings using, storing or maintaining toxic gases as defined in section 9.110 of the U.F.C. (1991 Edition), "Highly Toxic Material," in which case the provisions of section 55.0780.0303 may be retrospectively applied.

Section 34. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by repealing section 55.0780.0306 and reenacting it by adding new section 55.0780.0306, to read as follows:

**SEC. 55.0780.0306 LIQUID AND SOLID OXIDIZERS**

U.F.C. 80.306 (1991 Edition) is adopted with

changes to read as follows:

(a) **Indoor Storage** - no change.

(1) **General** - no change.

(2) **Exempt amounts.** When the amount of liquid and solid oxidizers stored in one control area exceeds that specified in Table No. 80.306-A of the U.F.C. (1991 Edition), such storage shall be within a room or building conforming to the Building Code requirements as adopted by the City in Chapter IX of the San Diego Municipal Code, for the following occupancies:

<b>Oxidizers Class</b>	<b>Occupancy Group</b>
Class 4	H-1
Class 3	H-2
Class 2	H-3
Class 1	H-3

Storage in excess of the exempt amounts specified in Table No. 80.306-A shall comply with section 55.0780.0306(a)(3) through (13). Storage not exceeding the exempt amounts specified in Table 80.306-A of the U.F.C. (1991 Edition) shall comply with section 55.0780.0306(a)(11).

(3) **Detached storage.** - no change.

(4) **Distance from detached storage buildings to exposures** - no change.

(5) **Liquid-tight floor** - no change.

(6) **Smoke and heat venting** - no change.

(7) **Explosion control** - no change.

(8) **Secondary Containment** - no change.

(9) **Standby power** - no change.

(10) **Detection** - no change.

(11) **Storage conditions** - no change.

(12) **Separation.** In addition to section 55.0780.301(n), Class 4 oxidizers shall be separated from other hazardous materials by not less than one-hour fire-resistive construction or stored in hazardous materials storage cabinets.

Detached storage buildings for Class 4 oxidizers shall be located a minimum 50 feet from other hazardous materials storage.

(13) **Contamination** - no change.

(b) **Exterior Storage** - no change.

Section 35. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by amending sections 55.0280.0309, 55.0780.0310, 55.0780.0312, 55.0780.0313, 55.0780.0314, 55.0780.0315, to read as follows:

**SEC. 55.0780.0309 UNSTABLE (REACTIVE) MATERIALS**

U.F.C. 80.309 (1991 Edition) is adopted with changes to read as follows:

(a) **Indoor Storage** - no change.

(b) **Exterior Storage** - no change.

(c) Notwithstanding the provisions of section 55.0101.0103(b) the requirements specified within section 55.0780.0309 for Class 1 and 2 materials shall



be applied prospectively to all buildings constructed after July 10, 1989.

**SEC. 55.0780.0310 WATER REACTIVE SOLIDS AND LIQUIDS**

U.F.C. 80.310 (1991 Edition) is adopted with changes to read as follows:

- (a) **Indoor Storage** - no change.
- (b) **Exterior Storage** - no change.
- (c) Notwithstanding the provisions of section 1.103(b), Section 55.0780.0310 in its entirety shall be applied prospectively to all buildings constructed after July 10, 1989.

**SEC. 55.0780.0312 HIGHLY TOXIC SOLIDS AND LIQUIDS**

U.F.C. 80.312 (1991 Edition) is adopted with changes to read as follows:

- (a) **Indoor Storage** - no change.
- (b) **Exterior Storage** - no change.
- (c) Notwithstanding the provisions of section 1.103(b), the section 55.0730.0312 shall be applied prospectively to all buildings constructed after July 10, 1989.

**SEC. 55.0780.0313 RADIOACTIVE MATERIALS**

U.F.C. 80.313 (1991 Edition) is adopted with changes to read as follows:

- (a) **Indoor Storage.**
  - (1) **General.** Storage of radioactive materials in

nonexempt amounts shall comply with the provisions of section 55.0780.0313 and the general provisions specified in Section 55.0780.0301.

(2) **Exempt amounts.** An exempt amount is any amount of a specific isotope less than the amount that would require a license from the Federal Nuclear Regulatory Commission of the State of California. These amounts are specified in Title 10, Code of Federal Regulations, sections 30.11 through 30.20, 30.70 and 30.71. State requirements are specified by the California Code of Regulations, Title 17, Article 3, Section 30235, Schedule A.

TABLE NO. 55.0780.0313-A -- RADIOACTIVE MATERIALS  
EXEMPT AMOUNTS

EXEMPT AMOUNTS		
CONDITION	MAXIMUM QUANTITY PER CONTROL AREA 2,3	MAXIMUM QUAN- TITY PER CONTAINER
Licensed, nonsealed sources 1		
alpha emitters	2 millicuries	2 millicuries
beta emitters	200 curies	200 curies
gamma emitters	14 curies	0.1 curie
Licensed, sealed sources 1	Sealed sources for instruments, cali- bration devices, and equipment	N/A

<sup>1</sup>Licensing requirements and determination of whether a source is sealed or nonsealed shall be as set forth in Nuclear Regulatory Commission regulations.

<sup>2</sup>Quantities may be increased 100 percent when stored in approved cabinets. When Footnote No. 3 applies, the increase for both footnotes may be applied.

<sup>3</sup>Quantities may be increased 100 percent in sprinklered

buildings. When Footnote No. 2 applies, the increase for both footnotes may be applied.

(3) **Liquid-tight floor** - no change.

(4) **Secondary Containment** - no change.

(5) **Detection** - no change.

(6) **Storage conditions** - no change.

(b) **Exterior Storage** - no change.

(c) **Secured Storage.** Radioactive material shall be secured against unauthorized removal from places of storage and shall be provided with reasonable protection against loss, leakage or dispersion by the effects of fire or by water, hose streams or other means used to fight fire.

**SEC. 55.0780.0314 CORROSIVES**

U.F.C. 80.314 (1991 Edition) is adopted with changes to read as follows:

(a) **Indoor Storage** - no change.

(b) **Exterior Storage** - no change.

(c) Notwithstanding the provisions of section 1.103(b), section 55.0700.0314 shall be applied prospectively to all buildings constructed after July 10, 1989.

**SEC. 55.0780.0315 CARCINOGENS, IRRITANTS, SENSITIZERS AND HEALTH HAZARD SOLIDS, LIQUIDS AND GASES**

U.F.C. 80.315 (1991 Edition) is adopted with changes to read as follows:

- (a) **Indoor Storage** - no change.
- (b) **Exterior Storage** - no change.
- (c) Notwithstanding the provisions of section 1.103(b), section 55.0780.0315 shall be applied prospectively to all buildings constructed after July 10, 1989.

Section 36. That Chapter V, Article 5 Division 7, of the San Diego Municipal Code be and is hereby amended by adding sections 55.0780.0401, 55.0780.0402, and 55.0781.0106, to read as follows:

**SEC. 55.0780.0401      DISPENSING, USE AND HANDLING OF  
HAZARDOUS MATERIALS**

U.F.C. 80.401 (1991 Edition) is adopted with changes to read as follows:

- (a) **Applicability** - no change.
- (b) **Containers, Cylinders and Tanks** - no change.
- (c) **Piping, Tubing, Valves and Fittings** - no change.
- (d) **Equipment** - no change.
- (e) **Separation from Storage of Hazardous Materials** - no change.
- (f) **Noncombustible Floor** - no change.
- (g) **Spill Control, Drainage Control and Secondary Containment** - no change.
- (h) **Sources of Ignition** - no change.
- (i) **Static Accumulation** - no change.
- (j) **Electrical Equipment and Wiring** - no change.

(k) **Limit Controls.** - no change.

(1) **General** - no change.

(2) **Liquid level.**

(A) **High Level.** Open tanks and containers in which hazardous materials are used shall be equipped with a liquid level limit control or other means to prevent overfilling of the tank.

(B) **Low Level.** Open tanks and containers in which hazardous materials are heated shall be equipped with approved automatic shut-off controls which will sense low liquid levels and shut-off the source of heat.

(3) **Temperature** - no change.

(4) **Pressure** - no change.

(l) **Standby and Emergency Power** - no change.

(m) **Supervision** - no change.

(n) **Signage** - no change.

(o) **Security** - no change.

(p) **Seismic Protection** - no change.

(q) **Lighting** - no change.

(r) **Fire-extinguishing Systems** - no change.

**SEC. 55.0780.0402 DISPENSING AND USE**

U.F.C. 80.402 (1991 Edition) is adopted with changes to read as follows:

(a) **General** - no change.

(b) **Indoor Dispensing and Use** - no change.

- (1) **General - no change.**
- (2) **Open Systems**
  - (A) **General - no change.**
  - (B) **Dispensing - no change.**
  - (C) **Ventilation.** Indoor dispensing or use rooms and areas shall be provided with exhaust ventilation in accordance with section 55.0780.0301(m).
  - (D) **Fire-extinguishing system - no change.**
  - (E) **Explosion control - no change.**
  - (F) **Spill control, drainage control and secondary containment - no change.**
- (3) **Closed Systems.**
  - (A) **General - no change.**
  - (B) **Use - no change.**
  - (C) **Ventilation.** Indoor dispensing or use rooms and areas shall be provided with exhaust ventilation in accordance with section 55.0780.0301(m).
  - (D) **Fire-extinguishing system - no change.**
  - (E) **Explosion control - no change.**
  - (F) **Spill control, drainage control and secondary containment - no change.**
  - (G) **Special requirements for highly toxic and toxic compressed gasses - no change.**
- (c) **Exterior Dispensing and Use - no change.**

TABLE NO. 55.0780.0402-B -- Exempt Amounts of Hazardous Materials  
Presenting A Health Hazard

Maximum Quantities Per Control Area

Values within parentheses are in the units shown in parentheses  
in the column heading

Maximum Quantities Per Control Area <sup>1,2</sup>

Material	Closed Systems			Open Systems	
	Solid Lbs.	Liquid Gal. (Lbs.)	Gas Cu. Ft. at MTP	Solid Lbs.	Liquid Gal. (Lbs.)
Carcinogen	As regulated by federal or state OSHA guidelines				
Corrosive	5,000	500	650 <sup>3</sup>	1,000	100
Highly Toxic	1	(1)	20 <sup>4</sup>	1/4	(1/4)
Irritant	5,000	500	650 <sup>3</sup>	1,000	100
Radioactive	Licensed Non-Sealed Sources				
Alpha emitters	2 mCi	2 mCi	0.2 mCi	2 mCi <sup>7</sup>	2 mCi <sup>7</sup>
Beta emitters	200 Ci	200 Ci	20 Ci	200 Ci <sup>7</sup>	200Ci <sup>7</sup>
Gamma emitters	14 Ci	14 Ci	1.4 Ci	0.1 Ci <sup>7</sup>	0.1Ci <sup>7</sup>
Sensitizer	5,000	500	650 <sup>3</sup>	1,000	100
Toxic	500	(500) <sup>6</sup>	650 <sup>3</sup>	125	(125) <sup>6</sup>
Other Health Hazards	5,000	500	650 <sup>3</sup>	1,000	100

<sup>1</sup>The aggregate quantity in use and storage shall not exceed the quantity listed for storage. See Division III of Article 80 of the U.F.C. (1991 Edition)

<sup>2</sup>The amount is allowed to be doubled in sprinklered buildings. When the circumstances created in Footnote No. 3 also apply, the increases for footnotes 2 and 3 are allowed.

<sup>3</sup>The amount is allowed to be doubled when dispensed or used inside approved exhausted gas cabinets, exhausted enclosures or fume hood. When Footnote No. 2 also applies, the increases for

both footnotes are allowed.

<sup>4</sup>Allowed only when stored in approved exhausted gas cabinets or exhausted enclosures as described in Section 80.303(a)(6)(B) of the U.F.C. (1991 Edition).

<sup>5</sup>Licensed sealed sources in instruments, calibration devices and equipment are exempt.

<sup>6</sup>The exempt amount of toxic liquids with vapor pressures in excess of 1 psia at 77°F. shall be the same as those listed for highly toxic liquids.

<sup>7</sup>May not be doubled per Footnotes Nos. 2 and 3 of section 55.0780.0402.

**SEC. 55.0781.0106 AUTOMATIC FIRE EXTINGUISHING SYSTEMS**

U.F.C 81.106 (1991 Edition) is adopted with changes to read as follows:

- (a) **General** - no change.
- (b) **System Design** - no change.
- (c) **Solid Shelving.** Single, double, and multiple row racks with solid shelves containing Class I-IV commodity products shall be protected as follows:

(1) For shelf area of 20-50 square feet in height, two levels of rack sprinklers shall be located at approximately the one-third and two-thirds of the storage height.

(2) For shelf area greater than fifty (50) square feet, one level of rack sprinklers located at every tier.

Single, double, and multiple row racks with solid shelves containing Class V commodity products with solid shelving greater than twenty (20) square feet in height



shall be protected with rack sprinklers at every tier of storage.

**(d) Flue Spaces for Storage Racks.**

(1) Transverse. Transverse flue spaces shall be required. Nominal three-inch transverse flue spaces shall be maintained between loads or at rack uprights in all rack storage. Maximum distances between transverse flue spaces shall not exceed ten (10) feet. Random variation in width or in vertical alignment may be permitted provided configuration does not obstruct water penetration.

**Exception:** Racks protected with approved in-rack sprinklers.

(2) Longitudinal. Longitudinal flue space of six (6) inches shall be provided in all double or multi-row racks.

Section 37. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by amending sections 55.0787.0101, 55.0787.0102, 55.0787.0103, and 55.0787.0104, to read as follows:

**SEC. 55.0787.0101 SCOPE**

U.F.C. 87.101 (1991 Edition) is adopted with changes to read as follows:

Any building subject to construction, remodel or demolition shall comply with the provisions of Chapter 5, Article 5, of the San Diego Municipal Code. The provisions contained in section 55.0707.0101 shall be

in addition to any other requirement of the San Diego Municipal Code or any other adopted code, ordinance, rule or regulation of the State of California or The City of San Diego.

**SEC. 55.0787.0102 APPROVAL OF PLANS**

U.F.C. 87.102 (1991 Edition) is adopted with changes to read as follows:

(a) **Approval.** Plans for the construction or remodeling of a building shall be approved by the Fire Chief. Schedules and procedures for the demolition of buildings are subject to the approval of the Fire Chief. Such approval shall be in addition to any other approval required by law.

(b) **EXCEPTION.** Group R, Division 3 and Group M, Divisions 1 and 2 Occupancies are not subject to requirements of section 55.0787.0102(a).

**SEC. 55.0787.0103 FIRE SAFETY DURING CONSTRUCTION**

U.F.C. 87.103 (1991 Edition) is adopted with changes to read as follows:

- (a) **General** - no change.
- (b) **Access Roads** - no change.
- (c) **Water Supply** - no change.
- (d) **Fire Protection** - no change.
- (e) **Combustible Debris** - no change.
- (f) **Motor Equipment** - no change.
- (g) **Heating Device** - no change.

- (h) **Smoking** - no change.
- (i) **Cutting and Welding** - no change.
- (j) **Flame-producing Equipment** - no change.
- (k) **Flammable Liquids** - no change.
- (l) **Open-Flame Devices** - no change.
- (m) **Asphalt and Tar Kettles** - no change.
- (n) **Temporary Electrical Wiring** - no change.
- (o) **Building Access** - no change.
- (p) **Emergency Telephone** - no change.
- (q) **Fire-protection Plan** - no change.
- (r) **Fire Walls and Exit Stairways.** Fire walls and exit stairways, if required for the completed building, shall receive a high priority in construction of this building. When required by the Fire Chief, temporary exit facilities shall be provided and maintained for use of construction personnel.

**SEC. 55.0787.0104 ALTERATIONS OF BUILDINGS**

U.F.C. 87.104 (1991 Edition) is adopted with changes to read as follows:

(a) **General.** Remodeling of buildings shall be in accordance with the applicable provisions of sections 55.0787.0103 and 55.0787.0104.

(b) **Fire-protection Systems.** Where the building is protected by fire-protection systems, the systems shall be maintained operational at all times during remodeling phases.

When remodeling requires alteration or

modification of a portion of a system, the remainder of the system shall be kept in service. Where it is necessary to shut down the entire system, a fire watch shall be kept on site until the system is returned to service.

(c) **Exits.** All required exit components shall be maintained operable and accessible at all times.

(d) **Fire Separation.** Interior fire walls and required fire separations shall be maintained intact at all times.

(e) **Vacation of Building.** When, in the opinion of the Fire Chief, remodeling is of the extent to create a hazard to occupants of a building, the building shall be vacated during remodeling operations.

Section 38. That Chapter V, Article 5, Division 7, of the San Diego Municipal Code be and is hereby amended by adding section 55.0788.0101, to read as follows:

**SEC. 55.0788.0101 AEROSOL PRODUCTS**

Article 88, sections 88.101 through 88.304 of the U.F.C. (1991 Edition) is adopted with changes to read as follows:

Notwithstanding the provisions of section 1.103(b) of the U.F.C. (1991 Edition), the provisions of section 55.0788.0101 shall be applied to all buildings constructed after JUL 29 1992.

(effective date of this ordinance)

Section 39. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by repealing Appendix I-A, "Appendix I-A of Division I of the Uniform Fire Code and of Chapter V, Article 5 of the San Diego Municipal Code."

Section 40. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by renumbering and amending section 55.0888.0101, to read as follows:

**SEC. 55.0889.0101 LIFE SAFETY REQUIREMENTS FOR EXISTING BUILDINGS OTHER THAN HIGH-RISE**

U.F.C. Appendix 1-A (1991 Edition) is adopted with changes to read as follows:

(a) **GENERAL**

(1) **Purpose** - no change.

(2) **Dates of Compliance.** Within four (4) months after notification to the owner or agent, plans for compliance, which are drafted or approved by a certified professional, shall be submitted for approval, to the Fire Chief and the Building Official, and no later than fourteen (14) months thereafter the work shall be completed or the building shall be vacated until made to conform.

**Exception:** All battery operated smoke detectors shall be installed immediately upon notification in

accordance with Appendix 1-A (6) of the U.F.C. (1991 Edition).

**(b) Exits**

(1) **Number of Exits.** Every floor above the first story used for human occupancy shall have access to at least two (2) separate exits in accordance with Building Code section 3303(c) as adopted in Chapter IX of the San Diego Municipal Code, one of which may be an exterior fire escape complying with section 55.0889.0101(d). Subject to the approval of the Fire Chief, an approved ladder device may be used in lieu of a fire escape when the construction feature or location of the building on the property makes the installation of a fire escape impracticable.

**Exception:** In all occupancies, second stores with an occupant load of ten (10) or fewer may have one exit.

An exit ladder device when used in lieu of a fire escape shall conform with the Building Code, as adopted by the City in Chapter IX of the San Diego Municipal Code, in Uniform Building Code Standard No. 33-3 and the following:

Subsections (A) through (F) - no change.

(2) **Stair Construction** - no change.

(3) **Corridors.** Corridors of Groups A, B, E, H and R, Division I Occupancies serving as an exit for an occupant load of 30 or more shall have walls and

ceilings of not less than one hour fire-resistive construction as required by section 3305(g) of the Uniform Building Code, as adopted by the City in Chapter IX of the San Diego Municipal Code. Existing walls surfaced with wood lath and plaster in good condition or 1/2-inch gypsum wallboard or openings with fixed wired glass set in steel frames are permitted for corridor walls and ceilings and occupancy separations when approved. Doors opening into such corridors shall be protected by 20-minute fire assemblies or solid wood doors not less than 1 3/4 inches thick. If the existing frame will not accommodate a 1 3/4 inches thick door, a 1 3/8 inches thick solid bonded wood core door or equivalent insulated steel door shall be permitted. Doors shall be self-closing or automatic-closing by smoke detection. Transoms and openings other than doors from corridors to rooms shall comply with section 3305(h) of the Uniform Building Code, as adopted by Chapter IX of the San Diego Municipal Code, or shall be covered with a minimum of 3/4-inch plywood or 1/2-inch gypsum wallboard or equivalent material on the room side.

**Exception:** Existing corridor walls, ceilings and opening protection not in compliance with section 55.0809.0101(c) may be continued when such buildings are protected with an approved automatic sprinkler system throughout. Such sprinkler system may be supplied from the domestic water system if it is of

adequate volume and pressure.

(4) **Fire Escapes** - no change.

(5) **Exit and Fire Escape Signs** - no change.

(c) **Enclosure of Vertical Shafts** - no change.

(d) **Basement Access or Sprinkler Protection** - no change.

(e) **Standpipes.**

Any building four (4) or more stories in height shall be provided with an approved Class I or Class III standpipe system.

(f) **Smoke Detectors** - no change.

(g) **Separation of Occupancies** - no change.

Section 41. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by repealing Appendix II-A, "Appendix II-A of Division II of the Uniform Fire Code and of Chapter V, Article 5 of the San Diego Municipal Code Supervision and Control of Hazardous Fire Areas."

Section 42. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by renumbering and amending section 55.0888.0201, to read as follows:

**SEC. 55.0889.0201 SPECIAL HAZARDS - SUPPRESSION AND CONTROL OF HAZARDOUS FIRE AREAS**

U.F.C. Appendix II-A (1991 Edition) is adopted with changes to read as follows:



- (a) **Scope** - no change.
- (b) **Definitions** - no change.
- (c) **Permits** - no change.
- (d) **Restricted entry** - no change.
- (e) **Trespassing on posted property** - no change.
- (f) **Smoking** - no change.
- (g) **Spark arresters** - no change.
- (h) **Tracer bullets, tracer chargers, rockets and model**

**Aircraft** - no change.

- (i) **Explosives and blasting** - no change.
- (j) **Fireworks** - no change.
- (k) **Apiaries** - no change.
- (l) **Open-flame devices** - no change.
- (m) **Outdoor fires** - no change.
- (n) **Incinerators and fireplaces** - no change.
- (o) **Clearance of brush and vegetative growth from**

**electrical transmission lines** - no change.

- (p) **Clearance of brush or vegetative growth from structures.**

(1) Any person owning, leasing, controlling, operating or maintaining any building or structure in, upon or immediately adjoining a hazardous fire area designated by the Fire Chief in Table A shall, at all times:

(A) Maintain around and adjacent to the building or structure an effective firebreak clear of brush and vegetation for a distance therefrom equal to the applicable total Brush Management

Zones Depth from Table B on each side thereof or the property line, whichever is closest. Brush management in all zones shall be performed and maintained in accordance with Appendix II-A of the U.F.C. (1991 Edition) and the standards adopted by the City Council as set forth in section six (6) of the document entitled "City of San Diego Landscape Technical Manual," a copy of which is on file in the office of the City Clerk as Document No. RR-274506, including supplements and amendments.

(B) Remove that portion of any tree which extends within ten (10) feet of the outlet of any chimney.

(C) Maintain any tree adjacent to or overhanging any building free of dead wood.

(D) Maintain the roof of any structure free of leaves, needles or other dead vegetative growth.

(2) The Fire Chief may require any person owning, leasing, controlling, operating or maintaining vacant property which abuts land upon which a building or structure is located that is covered under section 55.0889.0201(p)(1) to clear brush and vegetation on their property and to keep it clear at all times for up to the balance of the distances specified in Table B from the building or structure on the abutting lot when necessary for public safety. Brush clearing and

maintenance shall be performed and maintained in accordance with Appendix II-A of the U.F.C. (1991 Edition) and the standards adopted by the City Council set forth in section six (6) of the document entitled "City of San Diego Landscape Technical Manual," a copy of which is on file in the office of the City Clerk as Document No. RR-274506, including supplements and amendments.

(3) Any person proposing to build a building or structure on property they own, lease, control, or maintain in, upon or immediately adjoining any hazardous fire area designated by the Fire Chief in Table A shall, at all times:

(A) Maintain around and adjacent to any building or structure an effective firebreak clear of brush and vegetation for a distance therefrom equal to the applicable total Brush Management Zones Depth, from Table B on each side thereof. Brush management in all zones shall be performed and maintained in accordance with Appendix II-A of the U.F.C. (1991 Edition) and the standards adopted by the City Council set forth in section six (6) of the document entitled "City of San Diego Landscape Technical Manual," a copy of which is on file in the office of the City Clerk as Document No. RR-274506, including supplements and amendments.

(B) Remove that portion of any tree which

extends within ten (10) feet of the outlet of any chimney.

(C) Maintain any tree adjacent to or overhanging any building free of dead wood.

(D) Maintain the roof of any structure free of leaves, needles or other dead vegetative growth.

(4) The requirements of sections 55.0889.0201(p)(1)(2) and (3) do not apply to single specimens of trees, ornamental shrubbery, or similar plants which are used as ground cover, provided they do not form a means for rapidly transmitting fire from any surrounding native growth to any building or structure, and that these requirements shall not be construed to require brush management on publicly owned open space and parkland.

(5) Table A establishes a fire hazard severity classification rating based upon the priority designation of an area and a structure's geographic location in the City.

(6) Table B establishes the required depth for each brush management zone based upon the fire hazard severity class identified in Table A.

(7) For new structures adjacent to slopes requiring brush management, the Zone 1 depth within Table B may be reduced by ten (10) feet when all of the following architectural features are provided:

(A) The roof shall be of fire retardant

construction. Wood shake or shingles, whether fire retardant or untreated, are not permitted.

(B) Roof overhangs shall have an exterior surface equivalent to that required for one hour fire resistive walls, and no eave vents shall be permitted for any portion of a structure located within the minimum set back distance in Table B.

(C) All eave vents shall be covered with wire screen not to exceed 1/4 inch mesh.

(8) On all lots which have received approval on a tentative map subsequent to November 15, 1989, where structures will be located above slopes requiring brush management, which have a gradient of 4:1 (25 percent) or steeper and are fifty (50) feet in vertical height or higher, the following shall apply:

(A) Structures shall be set back for a distance equal to the minimum required depth established in Table B for Zone 1. The setback shall be measured from those portions of a slope with gradients of 4:1 (25 percent) or steeper.

(B) Notwithstanding any provision to the contrary, on any legal building lot for which a tentative map has been approved prior to November 15, 1989, the applicable Zone 1 setback from Table B shall not be required as a condition of a subsequent permit when substantial conformance exists with previously approved discretionary permits.

(9) For new structures adjacent to slopes requiring brush management, the depth of the applicable Zone 1 setback from Table B may be reduced in accordance with section 55.0889.0201(p)(7).

(10) For new structures, the depth of the applicable Zone 3 shall be increased one-foot for every one foot reduction of the building setback below the corresponding Zone 1 depth established within Table B.

(11) In the event that any of the conditions regulated by sections 55.0889.0201(p)(1) through (3) exist, the Fire Chief may give notice to the owner of the property upon which such condition exists to correct the prohibited condition. If the owner fails to correct such condition, the Fire Chief may cause the condition to be corrected and make the expense of the correction a lien upon the property upon which the condition exists, pursuant to the Municipal Code provisions governing the abatement of nuisance (San Diego Municipal Code sections 13.0301 through 13.0306).

(12) On all lots which have received approval on a tentative map subsequent to November 15, 1989, all new structures shall be sited such that no brush management will occur on publicly owned open space or parklands.

(13) The approved brush management plan shall be maintained in accordance with guidelines set forth by the Fire Chief. If a Planning Department permit is

required, the approved brush management plan shall be maintained in accordance with guidelines set forth by the Planning Director in addition to those set forth by the Fire Chief. If publicly owned open space or parklands are involved, the Park and Recreation Director may establish additional requirements for maintenance.

(14) If a modified brush management plan is proposed which involves a deviation from the provisions of section 55.0889.0201(p)(1) through (10) the Fire Chief may approve or conditionally approve such a modified brush management plan if the Fire Chief determines that the proposed plan meets the criteria in section 55.0889.0201(p)(15). Deviations involving a Planning Department administered permit shall require concurrence from the Planning Director pursuant to section 55.0889.0201(p)(16). Deviations which may affect publicly owned open space and parklands shall require the concurrence of the Park and Recreation Director pursuant to section 55.0889.0201(p)(16).

(15) A modified brush management plan involving deviations from section 55.0889.0201(p)(1) through (10) may be approved by the Fire Chief provided:

(A) The proposed brush management program will meet the purpose and intent of section 55.0889.0201; and

(B) The proposed brush management program, because of conditions that have been applied to

it, will not be detrimental to the health, safety and general welfare of persons residing or working in the area; and

(C) The provisions outlined in subsection 6.6-2 of the document entitled "City of San Diego Landscape Technical Manual," a copy of which is on file in the office of the City Clerk as Document No. RR-274506, will be satisfied and the proposed development will provide other fire resistive features as required by the Fire Chief; and

(D) Compliance with the provisions of section 55.0889.0201 in addition to any other applicable adopted plans or ordinances would otherwise preclude any reasonable development on the site.

(16) When the Planning Director or the Park and Recreation Director review a modified brush management plan that has been approved by the Fire Chief, each shall advise the Fire Chief of their respective concurrence, provided they determine the following have been satisfied for areas under their respective jurisdiction:

(A) The proposed modified brush management program, to the extent feasible, as that term is defined in Public Resources Code section 21061.1, will not adversely affect floodplain, biologically sensitive lands, hillsides, significant prehistoric sites and resources, and wetlands, as

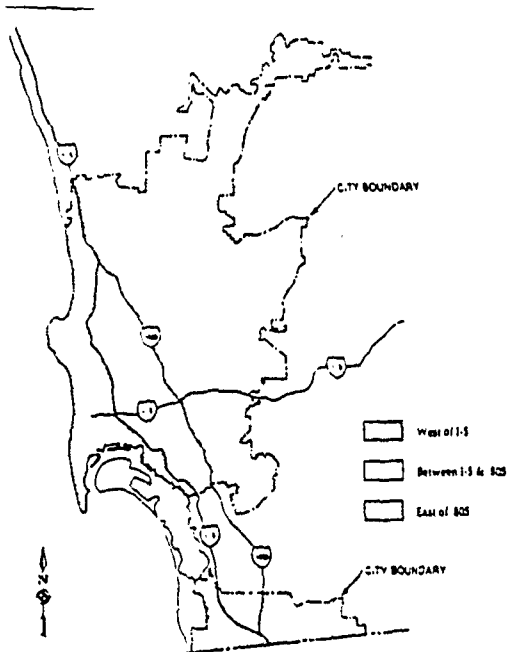


defined in the Resources Protection Ordinance, San Diego Municipal Code section 101.0462; and

(B) The proposed modified brush management program, to the extent feasible, as that term is defined in Public Resources Code section 21061.1, will minimize the alterations of vegetation and will not result in undue risks from erosional forces.

If either the Planning Director or the Park and Recreation Director is unable to concur with the proposed deviation from the brush management plan, they shall advise the Fire Chief accordingly with appropriate reasons and recommendations. The Fire Chief may elect, but is not required, to modify the proposed plan.

(17) A copy of all determinations concerning deviations shall be filed with the Fire Chief by the Planning Director or Park and Recreation Director, as appropriate, within seven (7) calendar days of the determination. Determinations shall be filed by the Park and Recreation Director for deviations affecting publicly owned open space and parklands within seven (7) calendar days of the determination.



FIRE HAZARD SEVERITY CLASSIFICATION			
LOCATION OF STRUCTURE	FIRE DEPARTMENT PRIORITY DESIGNATION		
	(A)	(B)	(C)
WEST OF I-5	MOD.	LOW	LOW
BETWEEN I-5 & 805	HIGH	MOD.	LOW
EAST OF 805	HIGH	HIGH	MOD.

**TABLE A**  
of 55.0889.0201

BRUSH MANAGEMENT ZONE DEPTH				
ZONE	DESCRIPTION	FIRE HAZARD SEVERITY CLASS		
		LOW	MOD.	HIGH
1	Ornamental landscapes or Brush Clearance	30' min.	35' min.	40' min.
2	Low volume plantings or selective thinning	20' avg.	30' avg.	40' avg.
3	Selective thinnings	0' avg.	30' avg.	30' avg.
TOTAL		50'	85'	110'

**TABLE B**  
of 55.0990.0201

- (q) Clearance of brush or vegetative growth from roadways - no change.
- (r) Unusual circumstances - no change.
- (s) Dumping - no change.
- (t) Disposal of ashes - no change.
- (u) Use of fire roads and firebreaks - no change.
- (v) Use of motorcycles, motor scooters and motor vehicles - no change.
- (w) Tampering with fire department locks, barricades and signs - no change.
- (x) Liability for damage - no change.

0-17787

Section 43. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by adding section 55.0889.0206, to read as follows:

**SEC. 55.0889.0206 ABOVEGROUND STORAGE OF MOTOR VEHICLE FUEL**

U.F.C. Appendix II-F (1991 Edition) is adopted with changes to read as follows:

(a) **Scope.** Storage and dispensing of motor fuels into the fuel tanks of motor vehicles from aboveground tanks which are located outside of buildings, as approved by the Fire Chief, shall be in accordance with section 55.0889.0206.

(b) **Installation of Tanks.** Tanks shall be installed in accordance with Article 79, Division V, of the U.F.C. (1991 Edition) and shall be installed in special enclosures constructed in accordance with section 79.902(c) of the U.F.C. (1991 Edition) or in listed and approved tank enclosures or materials providing fire protection of not less than two (2) hours. The following additional criteria shall apply:

(1) Guard posts or other means shall be provided to protect the area where tanks are installed. The design shall be in accordance with section 55.0780.0301(w);

(2) Each tank and each special enclosure shall be surrounded by a clear space of not less than three (3) feet to allow for maintenance and inspection;

(3) Warning signs and identification signs shall be installed to clearly identify hazards. The design shall be in accordance with Sections 79.109, 79.110, 79.903(d) and 79.807(e) of the U.F.C. (1991 Edition). Conspicuous signs prohibiting simultaneous tank filling and fuel dispensing shall be posted;

(4) Tanks containing motor fuels shall not exceed a 1,100-gallon individual or 2,200 gallon aggregate capacity; and

(5) Tanks shall be provided with automatic fuel shut-off devices capable of stopping the delivery of fuel when the level in the tank reaches 90 percent of tank capacity.

- (c) **Installations of dispensing systems** - no change.
- (d) **Plans** - no change.
- (e) **Maintenance** - no change.

Section 44. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by repealing Appendix III-A, "Appendix III-A of Division III of the Uniform Fire Code and of Chapter V, Article 5, of the San Diego Municipal Code Fire-Flow Requirements for Buildings."

Section 45. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by renumbering and amending section 55.0888.0301, to read as follows:

**SEC. 55.0889.0301 FIRE PROTECTION - FIRE FLOW REQUIREMENTS**

**FOR BUILDINGS**

U.F.C. Appendix III-A (1991 Edition) is adopted with changes, to read as follows:

- (a) **Scope** - no change.
- (b) **Definitions** - no change.
- (c) **Modifications** - no change.
- (d) **Fire area** - no change.
- (e) **Fire-flow requirements for buildings** - no change.

Table III-A of the U.F.C. (1991 Edition) is adopted without change.

**TABLE NO. 55.0889.0301 A-III-A-2 EXPOSURE CHARGES**

<b>SEPARATION DISTANCE</b>	<b>MAXIMUM CHARGE*</b>
0-10 feet	+25%
11-30 feet	+20%
31-60 feet	+15%
61-100 feet	+10%
101-150 feet	+5%

\*Charge listed is maximum: interpolate for greater separation within the range. Charge is applied to each side of the building.

(f) Notwithstanding the provisions of section 1.103(b) of the U.F.C. (1991 Edition), section 55.0889.0701 shall be applied prospectively to all buildings constructed after July 10, 1989.

Section 46. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by repealing Appendix III-C, "Appendix III-C of Division III of the Uniform Fire Code and of Chapter V, Article 5 of the San Diego Municipal Code Testing Fire Extinguishing Systems, Standpipes and Combination Systems."

Section 47. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by renumbering and amending section 55.0888.0302, to read as follows:

**SEC. 55.0889.0302 TESTING AUTOMATIC SPRINKLER AND  
STANDPIPE SYSTEMS**

U.F.C. Appendix III-C (1991 Edition) is adopted with changes, to read as follows:

(a) **General** - no change.

(b) **Test procedures for automatic sprinkler systems** - no change.

(1) **Notification** - no change.

(2) **Backflow** - no change.

(3) **Control Valves** - no change.

(4) **Alarm Test** - no change.

(5) **Gage Test** - no change.

(6) **Flow Test** - no change.

(7) **Trip Test** - no change.

(8) **High-rise Building Underground Water Storage Tanks.** All high-rise building underground water storage tanks shall be drained and tested to assure

their ability to automatically refill. In addition, trouble lights and warning devices shall be tested. The testing shall be conducted at least every (5) years.

(c) **Test procedure for standpipe systems - no change.**

Section 48. That Chapter V, Article 5, Division 8, of the San Diego Municipal Code be and is hereby amended by adding section 55.0889.0601, to read as follows:

**SEC. 55.0889.0601 HAZARDOUS MATERIALS CLASSIFICATIONS**

U.F.C. Appendix VI-A (1991 Edition) is adopted with changes to read as follows:

(a) **Scope - no change.**

(b) **Hazard categories**

(1) **Physical Hazards**

(A) **Explosives and Blasting Agents**

(i) **High explosives - no change.**

(ii) **Low explosives - no change.**

(iii) **Blasting agents - no change.**

(B) **Compressed Gases**

(i) **Flammable - no change.**

(ii) **Oxidizing - no change.**

(iii) **Corrosive - no change.**

(iv) **Highly toxic - no change.**

(v) **Toxic - no change.**

(vi) **Inert (chemically unreactive) - no change.**

- (vii) **Pyrophoric** - no change.
- (viii) **Unstable (reactive)** - no change.
- (C) **Flammable and Combustible Liquids**
  - (i) **Flammable liquids** - no change.
  - (ii) **Combustible liquids** - no change.
- (D) **Flammable Solids**
  - (i) **Organic solids** - no change.
  - (ii) **Inorganic solids** - no change.
  - (iii) **Combustible metals (except dusts and powders)** - no change.
  - (iv) **Combustible dusts and powders (including metals)** - no change.
- (E) **Oxidizers**
  - (i) **Gases** - no change.
  - (ii) **Liquids** - no change.
  - (iii) **Solids** - no change.
- (F) **Organic Peroxides** - no change.
- (G) **Pyrophoric Materials** - no change.
  - (i) **Gases** - no change.
  - (ii) **Liquids** - no change.
  - (iii) **Solids** - no change.
- (H) **Unstable (Reactive) Materials** - no change.
- (I) **Water-reactive Materials** - no change.
- (J) **Cryogenic Fluids** - no change.
  - (i) **Flammable** - no change.
  - (ii) **Oxidizing** - no change.
  - (iii) **Corrosive** - no change.



(iv) Inert (chemically unreactive) - no change.

(v) Highly toxic - no change.

(vi) (untitled) - no change.

(2) Health Hazards

(A) Highly Toxic and Toxic Materials

(i) Highly toxic materials - no change.

(ii) Toxic materials - no change.

(B) Radioactive materials.

(i) Common radiation source materials.

More than 100 radioisotopes are in common usage in various medical and industrial test and measuring situations. Most emit beta and gamma radiation. Some emit beta or gamma radiation exclusively.

The following list indicates what type of radiation each isotope emits:

x = alpha radiation  
b = beta radiation  
y = gamma radiation

Americium-241 x,y	Iodine-123 y	Rubidium-87 b
Antimony-122 b,y	Iodine-125 y	Ruthenium-97 y
Antimony-124 b	Iodine-126 b,y	Ruthenium-103 b,y
Antimony-125 b,y	Iodine-129 b,y	Ruthenium-105 b,y
Arsenic-73 y	Iodine-131 b,y	Ruthenium-106 b,y
Arsenic-74 b,y	Iodine-132 b,y	Samarium-151 b,y
Arsenic-76 b,y	Iodine-133 b,y	Samarium-153 b,y
Arsenic-77 b,y	Iodine-134 b,y	Scandium-46 b,y
Barium-131 y	Iodine-135 b,y	Scandium-47 b,y
Barium-133 y	Iridium-192 b,y	Scandium-48 b,y
Barium-140 b,y	Iridium-194 b,y	Selenium-75 y
Beryllium-7 x	Iron-52 b,y	Silicon-31 b,y
Bismuth-210 x,b,y	Iron-55 y	Silver-105 y
Bromine-82 b,y	Iron-59 b,y	Silver-110m b,y
Cadmium-109 y	Krypton-85 b,y	Silver-111 b,y
Cadmium-115m b,y	Krypton-87 b,y	Sodium-22 b,y
Cadmium-115 b,y	Lanthanum-140 b,y	Sodium-24 b,y

Calcium-45 b  
Calcium-47 b,y  
Carbon-14 b  
Cerium-141 b,y  
Cerium-143 b,y  
Cerium-144 b,y  
Cesium-131 b  
Cesium-134m b,y  
Cesium-134 b,y  
Cesium-135 b  
Cesium-136 b,y  
Cesium-137 b,y  
Chlorine-36 b,y  
Chlorine-38 b,y  
Chromium-51 y  
Cobalt-57 y  
Cobalt-58m y  
Cobalt-58 b,y  
Cobalt-60 b,y  
Copper-64 b,y  
Dysprosium-165 b,y  
Dysprosium-166 b,y  
Erbium-169 b,y  
Erbium-171 b,y  
Europium-1529.2h b  
Europium-152m b,y  
Europium-154 b,y  
Europium-155 b,y  
Fluorine-18 b,y  
Gadolinium-153 y  
Gadolinium-159 b,y  
Gallium-67 y  
Gallium-72 b,y  
Germanium-71 y  
Gold-198 b,y  
Gold-199 b,y  
Hafnium-181 b,y  
Holmium-166 b,y  
Hydrogen-3 b  
Indium-111 y  
Indium-113m y  
Indium-114m y  
Indium-115m b,y

Lead-210 x,b,y  
Lutetium-177 b,y  
Manganese-52 b,y  
Manganese-54 y  
Manganese-56 b,y  
Mercury-197m y  
Mercury-197 y  
Mercury-203 b,y  
Molybdenum-99 b  
Neodymium-147 b  
Neodymium-149 b  
Nickel-59 y  
Nickel-63 y  
Nickel-65 b,y  
Niobium-93m y  
Niobium-95 b,y  
Niobium-97 b,y  
Osmium-185 y  
Osmium-191m y  
Osmium-191 b,y  
Osmium-193 b,y  
Palladium-103 y  
Palladium-109 b,y  
Phosphorus-32 b  
Platinum-191 y  
Platinum-193m y  
Platinum-193 y  
Platinum-197m b,y  
Platinum-197 b,y  
Plutonium-239 b,y  
Polonium-210 b,y  
Potassium-42 b,y  
Potassium-43 b,y  
Praseodymium-142  
Praseodymium-143  
Promethium-147 b  
Promethium-149 b  
Radium-226 x,y  
Rhenium-185 b,y  
Rhenium-188 b,y  
Rhodium-103m y  
Rhodium-105 b,y  
Rubidium-81 b,y  
Rubidium-86 b,y

Strontium-85 y  
Strontium-89 b,y  
Strontium-90 b  
Strontium-91 b,y  
Strontium-92 b,y  
Sulphur-35 b  
Tantalum-182 b,y  
Technetium-96 y  
Technetium-97m y  
Technetium-97 y  
Technetium-99m y  
Technetium-99 b  
Tellurium-125m y  
Tellurium-127m b,y  
Tellurium-127 b,y  
Tellurium-129m b,y  
Tellurium-129 b,y  
Tellurium-131m b,y  
Tellurium-132 b,y  
Terbium-160 b,y  
Thallium-200 y  
Thallium-201 y  
Thallium-202 y  
Thallium-204 b,y  
Thorium(natural) x,y  
Thulium-170 b,y  
Thulium-171 b,y  
Tin-113 y  
Tin-125 b,y  
Tungsten-181 y  
Tungsten-185 b  
Tungsten-187 b,y  
Uranium (natural or depleted) x,y  
Uranium-233 x,y  
Uranium-234 x,y  
Uranium-235 x,y  
Vanadium-48 b,y  
Xenon-131m y  
Xenon-133 b,y  
Xenon-135 b,y  
Ytterbium-175 b,y  
Yttrium-90 b,y  
Yttrium-91 b,y  
Yttrium-92 b,y  
Yttrium-93 b,y

(ii) Fissile materials - no change.

(C) Corrosives

(i) Acids - no change.

(ii) Bases (alkalis) - no change.

(iii) Other corrosives - no change.

(D) Other Health Hazards

(i) Carcinogens or suspect carcinogens  
- no change.

(ii) Target organ toxins - no change.

(iii) Irritants - no change.

(iv) Sensitizers - no change.

(c) Evaluation of Hazards

(1) Degree of Hazard - no change.

(A) Chemical properties of the material - no  
change.

(B) Physical properties of the material - no  
change.

(C) Amount and concentration of the material  
- no change.

(D) Actual use, activity or process  
involving the material - no change.

(E) Surrounding conditions - no change.

(2) Evaluation Questions - no change.

Subsections (A) through (K) - no change.

Subsections (i) through (vi)

(d) Reference Publications

(1) General - no change.

(2) Specific - no change.

Section 49. The City Clerk is hereby instructed to insert  
the effective date of this ordinance wherever the phrase

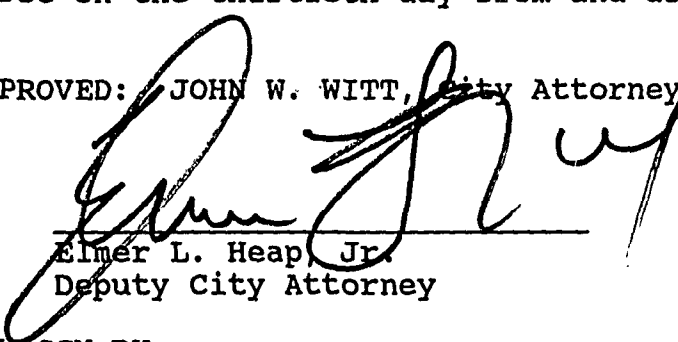
" \_\_\_\_\_ " appears in the text.  
(effective date of this ordinance)

Section 50. The City Clerk is hereby directed to transmit a copy of this ordinance following its passage to the State Fire Marshal and the State Building Standards Commission, and to advise the Fire Chief and building official of such transmittal.

Section 51. This ordinance shall take effect and be in force on the thirtieth day from and after its passage.

APPROVED: JOHN W. WITT, City Attorney

By

  
Elmer L. Heap, Jr.  
Deputy City Attorney

ELH:CCM:RH:smm  
06/08/92  
Or. Dept: Fire  
O-92-139  
Form=o.code

Passed and adopted by the Council of The City of San Diego on JUN 29 1992  
by the following vote:

Council Members	Yeas	Nays	Not Present	Ineligible
Abbe Wolfsheimer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ron Roberts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
John Hartley	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
George Stevens	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tom Behr	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Valerie Stallings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Judy McCarty	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bob Filner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mayor Maureen O'Connor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

AUTHENTICATED BY:

MAUREEN O'CONNOR  
Mayor of The City of San Diego, California.

(Seal)

CHARLES G. ABDELNOUR  
City Clerk of The City of San Diego, California.

By Brenda R. Barnes, Deputy.

I HEREBY CERTIFY that the foregoing ordinance was not finally passed until twelve calendar days had elapsed between the day of its introduction and the day of its final passage, to wit, on JUN 15 1992, and on JUN 29 1992.

~~I FURTHER CERTIFY that said ordinance was read in full prior to its final passage.~~

I FURTHER CERTIFY that the reading of said ordinance in full was dispensed with by a vote of not less than a majority of the members elected to the Council, and that there was available for the consideration of each member of the Council and the public prior to the day of its passage a written or printed copy of said ordinance.

CHARLES G. ABDELNOUR  
City Clerk of The City of San Diego, California.

(Seal)

By Brenda R. Barnes, Deputy.

Office of the City Clerk, San Diego, California

Ordinance Number 0-17787 Adopted JUN 29 1992

1902-1903

1904-1905

1906-1907