

ORDINANCE NO. 2022-1099

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF YORBA LINDA AMENDING CHAPTER 15.08 OF THE YORBA LINDA MUNICIPAL CODE AND ADOPTING BY REFERENCE THE CALIFORNIA FIRE CODE, 2022 EDITION, WHICH INCORPORATES AND AMENDS THE INTERNATIONAL FIRE CODE, 2021 EDITION, WITH CERTAIN APPENDICES AND AMENDMENTS, AND REPEALING ORDINANCE NO. 2019-1068

WHEREAS, California Government Code Section 50022.1 *et seq.* authorizes the City to adopt by reference the California Building Standards Code (California Code of Regulations, Title 24) adopting certain uniform codes, including the California Fire Code, 2022 Edition, (which incorporates and amends the International Fire Code, 2021 Edition), with certain appendices and amendments; and

WHEREAS, California Health and Safety Code Sections 17958 *et seq.* and 18941.5 authorize cities to adopt the California Building Standards Code with modifications determined to be reasonably necessary because of local climatic, geological or topographical conditions; and

WHEREAS, the City of Yorba Linda desires to adopt the California Fire Code, 2019 Edition, which is a part of the California Building Standards Code, as adopted by the State of California Building Standards Commission in Title 24 of the California Code of Regulations (the “Fire Code”), with certain appendices and amendments to assure the Fire Code is tailored to the particular safety needs of the City of Yorba Linda as required by its unique climatic, geological and topographical conditions; and

WHEREAS, the City Council held a public hearing on December 6, 2022 at which time all interested persons had the opportunity to appear and be heard on the matter of adopting the California Fire Code, 2022 Edition, as amended herein; and

WHEREAS, the City published notice of the aforementioned public hearing pursuant to California Government Code Section 6066 on November 24, 2022 and December 1, 2022; and

WHEREAS, any and all other legal prerequisites relating to the adoption of this Ordinance have occurred.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF YORBA LINDA DOES HEREBY ORDAIN AS FOLLOWS:

Section 1. Findings. To the extent that the following changes and modifications to the California Fire Code, 2022 Edition, are deemed more restrictive than the standards contained therein, thus requiring that findings be made pertaining to local conditions

justifying such modifications, the City Council adopted Resolution No. 2022-5828 that found and determined that the following changes and modifications are reasonably necessary due to local conditions.

Section 2. Chapter 15.08 of the Yorba Linda Municipal Code is amended in its entirety to read as follows:

“CHAPTER 15.08

FIRE CODE

Sections:

- 15.08.010 Fire Code Adopted.**
- 15.08.020 Enforcement and Inspection.**
- 15.08.030 Chapter 1, Division II-Administration - amendments.**
- 15.08.040 Chapter 2 Definitions - amendments.**
- 15.08.050 Chapter 3 General Requirements -- amendments.**
- 15.08.060 Chapter 4 Emergency Planning and Preparedness – amendments.**
- 15.08.070 Chapter 5 Fire Service Features – amendments.**
- 15.08.080 Chapter 9 Fire Protection Systems – amendments.**
- 15.08.090 Chapter 25 Fruit and Crop Ripening – deleted**
- 15.08.100 Chapter 26 Fumigation and Insecticidal Fogging – deleted**
- 15.08.110 Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities – amendments.**
- 15.08.120 Chapter 49 Requirements for Wildland-Urban Interface Fire Areas – amendments.**
- 15.08.130 Chapter 50 Hazardous Materials – General Provisions – amendments.**
- 15.08.140 Chapter 56 Explosives and Fireworks – amendments.**
- 15.08.150 Chapter 57 Flammable and Combustible Liquids – amendments**

- 15.08.160 Chapter 58 Flammable Gasses and Flammable Cryogenic Fluids – amendments**
- 15.08.170 Chapter 80 Referenced Standards – amendments.**
- 15.08.180 Appendix A Board of Appeals – deleted.**
- 15.08.190 Appendix B Fire-Flow Requirements for Buildings – adopted.**
- 15.08.200 Appendix BB Fire-Flow requirements for Buildings – adopted.**
- 15.08.210 Appendix C Fire Hydrant Locations and Distribution – adopted.**
- 15.08.220 Appendix CC Fire Hydrant Locations and Distribution – adopted.**
- 15.08.230 Appendix D Fire Apparatus Access Roads – deleted.**
- 15.08.240 Appendix E Hazard Categories – deleted.**
- 15.08.250 Appendix F Hazard Ranking – deleted.**
- 15.08.260 Appendix G Cryogenic Fluids – Weight and Volume Equivalents -- deleted.**
- 15.08.270 Appendix H Hazardous Materials Management Plans (HMMP) and Hazardous Materials Inventory Statements (HMIS) Instructions-- adopted.**
- 15.08.280 Appendix I Fire Protection Systems – Noncompliant Conditions – deleted.**
- 15.08.290 Appendix J Building Information Sign – deleted.**
- 15.08.300 Appendix K Construction Requirements for Existing Ambulatory Care Facilities -- deleted.**
- 15.08.310 Appendix L Requirements for Fire Fighter Air Replenishment Systems – deleted.**
- 15.08.320 Appendix M High Rise Buildings – Retroactive Automatic Sprinkler Requirements – deleted.**
- 18.08.330 Appendix N Indoor Trade Shows and Exhibitions – deleted.**

15.08.340 Appendix O Temporary Haunted Houses, Ghost Walks and Similar Amusement Uses – deleted.

15.08.010 Fire Code Adopted.

There is hereby adopted by reference, as the Fire Code of the City, the 2022 California Fire Code, based on the International Fire Code, 2021 Edition, with errata and certain appendices, published by the International Code Council (ICC), and the whole thereof, for the purpose of prescribing regulations covering conditions hazardous to the life and property from fire or explosion, save and exempt such portions as are hereinafter added, deleted or amended. One copy of all the above is on file in the office of the City Clerk for public inspection and is adopted with the same force and effect as though set out herein in full. The California Fire Code, 2022 Edition, as adopted herein, is amended as set forth in Sections 15.08.020 through 15.08.360.

15.08.020 Enforcement and Inspection.

The California Fire Code and the International Fire Code with amendments shall be enforced by the Orange County Fire Authority, which shall be operated under the Fire Chief of the Orange County Fire Authority. The Fire Chief of the Orange County Fire Authority may detail such members of the fire authority as shall be necessary from time to time.

15.08.030 Chapter 1, Division II, Administration – amendments.

Chapter 1, Division II Administration. Adopt Chapter 1 in its entirety, with the exception of Section 109, and with the following amendments:

Section 112.4 Violation penalties is hereby amended to read as follows:

112.4 Violation penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or shall fail to comply with any issued orders or notices or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be subject to penalties assessed as prescribed in the OCFA Prevention Field Services adopted fee schedule. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Section 112.4.2 Infraction and misdemeanor is hereby added as follows:

112.4.2 Infraction and misdemeanor. Persons operating or maintaining any occupancy, premises or vehicle subject to this code that shall permit any fire or life safety hazard to exist on premises under their control shall be guilty of an infraction. Persons who fail to take immediate action to abate a fire or life safety hazard when

ordered or notified to do so by the chief or a duly authorized representative are guilty of a misdemeanor.

15.08.040 Chapter 2 Definitions – amendments.

Chapter 2 Definitions is adopted in its entirety with the following amendments:

Sections 202 General Definitions is hereby revised by adding “OCFA” and “Spark Arrester” as follows:

202 General Definitions

OCFA: Orange County Fire Authority, fire authority having jurisdiction.

SPARK ARRESTER. A listed device constructed of noncombustible material specifically for the purpose of meeting one of the following conditions:

1. Removing and retaining carbon and other flammable particles/debris from the exhaust flow of an internal combustion engine in accordance with California Vehicle Code Section 38366.
2. Fireplaces that burn solid fuel in accordance with California Building Code Chapter 28.

15.08.050 Chapter 3 General Requirements – amendments

Chapter 3 General Requirements. Adopt Chapter 3 in its entirety, with the exception of Sections 308.1.4, 311.5 through 311.5.5, 318, and 319, and with the following amendments:

Section 304.1.2 Vegetation is hereby amended to read as follows:

304.1.2 Vegetation. Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirement in urban-wildland interface areas shall be in accordance with Chapter 49. Type, amount, arrangement, and maintenance of vegetation in a fuel modification area, interior slope, or similarly hazardous area shall be in accordance with OCFA Guideline C-05 “Vegetation Management Guideline—Technical Design for New Construction, Fuel Modification Plans, and Maintenance Program.”

Section 305.6 Hazardous Conditions is hereby added as follows:

305.6 Hazardous conditions. Outdoor fires burning wood or other solid fuel are not allowed when any of the following conditions applies:

1. when predicted sustained winds exceed 8 MPH and relative humidity is less than 25%, or a red flag condition has been declared

2. when an official sign was caused to be posted by the fire code official, or a public announcement is made

No outdoor fires using any fuel type are permitted when predicted sustained winds exceed 20 MPH or when such fires present a hazard as determined by the fire code official.

Section 305.7 Disposal of rubbish is hereby added as follows:

305.7 Disposal of rubbish. Rubbish, trash or combustible waste material shall be burned only within an approved incinerator and in accordance with Section 307.2.1.

Section 307 OPEN BURNING, RECREATIONAL FIRES AND PORTABLE OUTDOOR FIREPLACES is hereby revised as follows:

SECTION 307 OPEN BURNING, RECREATIONAL FIRES, FIRE PITs, FIRE RINGS, AND PORTABLE OUTDOOR FIREPLACES

Sections 307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies is hereby added as follows:

307.6 Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies. Outdoor fireplaces, fire pits, fire rings, or similar exterior devices used at Group R occupancies shall comply with this section.

Exception: Barbeques, grills, and other portable devices intended solely for cooking.

Section 307.6.1 Gas-fueled devices is hereby added as follows:

307.6.1 Gas-fueled devices. Outdoor fireplaces, fire pits and similar devices fueled by natural gas or liquefied-petroleum gas are allowed when approved by the Building Department and the device is designed to only burn a gas flame and not wood or other solid fuel. At R-3 occupancies, combustible construction and vegetation shall not be located within (3) three feet of an atmospheric column that extends vertically from the perimeter of the device. At other R occupancies, the minimum distance shall be (10) ten feet. Where a permanent Building Department approved hood and vent is installed, combustible construction may encroach upon this column between the bottom of the hood and the vent opening. Where chimneys or vents are installed, they shall have a spark arrester as defined in Section 202.

Section 307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas is hereby added as follows:

307.6.2 Devices using wood or fuels other than natural gas or liquefied-petroleum gas.

Permanent outdoor fireplaces burning wood or other solid fuel shall be constructed in accordance with the California Building Code with clearance from combustible construction and building openings as required therein. Fires in a fireplace shall be contained within a firebox with an attached chimney. The opening in the face of the firebox shall have an installed and maintained method of arresting sparks.

The burning of wood or other solid fuel in a device is not allowed within (25) feet of combustible structures unless within an approved permanent fireplace. Conditions which could cause a fire to spread within (25) feet of a structure or to vegetation shall be eliminated prior to ignition. Fires in devices burning wood or solid fuel shall be in accordance with Sections 305, 307, and 308.

Newly constructed outdoor wood fueled fireplaces, fire pits, fire rings, or similar exterior wood burning devices are prohibited per SCAQMD Rule 445.

Exceptions:

1. Existing permitted wood burning fireplaces, fire pits, fire rings or similar wood burning devices equipped with a device to arrest embers and sparks and located (3) feet from combustible construction at R-3 occupancies.
2. Portable fireplaces, and fire pits/rings equipped with a device to arrest sparks, shall be located at least (15) feet from combustible structures at R occupancies
3. Barbeques, grills and other portable devices intended solely for cooking.

Section 307.6.2.1 Where prohibited is hereby added as follows:

307.6.2.1 Where prohibited. The burning of wood and other solid fuels shall not be conducted within a fuel modification zone, Wildfire Risk Area (WRA), Wildland-Urban Interface Area (WUI), or in locations where conditions could cause the spread of fire to the WRA or WUI.

Exceptions:

1. Existing permitted permanent fireplaces, fire pits, fire rings, or similar wood burning devices that are not located in a fuel modification zone
2. Where determined by the Fire Code Official that the location or design of the device should reasonably prevent the start of a wildfire.

Section 308.1.6.3 Sky lanterns is hereby revised as follows:

308.1.6.3 Sky lanterns. A person shall not ignite, release, or cause to be released a sky lantern.

Section 324 Fuel Modification Requirements for New Construction is hereby added as follows:

324.Fuel Modification Requirements for New Construction. All new structures and facilities adjoining land containing hazardous combustible vegetation shall be approved and in accordance with the requirements of OCFA Guideline C-05 “Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program.”

Section 325 Clearance of brush or vegetation growth from roadways is hereby added as follows:

325 Clearance of brush or vegetation growth from roadways. The fire code official is authorized

The fire code official is authorized to cause areas within (10) feet on each side of portions of highways and private streets which are improved, designed or ordinarily used for vehicular traffic, to be cleared of flammable vegetation and other combustible growth. Measurement shall be from the flow-line or the end of the improved edge of the roadway surfaces.

Exception: Single specimens of trees, ornamental shrubbery or cultivated ground cover such as green grass, ivy, succulents or similar plants used as ground covers, provided that they do not form a means of readily transmitting fire.

Section 326 Unusual Circumstances is hereby added as follows:

326 Unusual Circumstances. The fire code official may suspend enforcement of the vegetation management requirements and require reasonable alternative measure(s) designed to advance the purpose of this code if determined that in any specific case that any of the following conditions exist:

1. Difficult terrain
2. Danger of erosion
3. Presence of plants included in any state and federal resources agencies, California Native Plant Society and county – approved list of wildlife, plants, rare, endangered and/or threatened species.
4. Stands or groves of trees or heritage trees.
5. Other unusual circumstances that make strict compliance with the clearance of vegetation provisions undesirable or impractical.

Section 327 Use of Equipment is hereby added as follows:

Section 327 Use of Equipment. Except as otherwise provided in this section, no person shall use, operate, or cause to be operated in, upon or adjoining any hazardous fire area any internal combustion engine which uses hydrocarbon fuels, unless the

engine is equipped with a spark arrester as defined in Section 202 maintained in effective working order, or the engine is constructed, equipped and maintained for the prevention of fire.

Exceptions:

1. Engines used to provide motor power for trucks, truck tractors, buses, and passenger vehicles, except motorcycles, are not subject to this section if the exhaust system is equipped with a muffler as defined in the Vehicle Code of the State of California.
2. Turbocharged engines are not subject to this section if all the exhausted gases pass through the rotating turbine wheel, there is no exhaust bypass to the atmosphere, and the turbocharger is in good mechanical condition.

Section 327.1 Use of Equipment and devices generating heat, sparks or open flames is hereby added as follows:

327.1 Use of Equipment and devices generating heat, sparks or open flames. During anytime of year within Wildfire Risk Area's, within or immediately adjacent to any forest or brush-covered land or non-irrigated grass-covered land, no person shall use or operate any welding equipment, cutting torches, tar pots, grinding devices, or other tools or equipment that may produce a spark, fire, or flame that could result in a wildfire without doing the following:

1. First clearing away all flammable material, including snags, from the area around such operation for a distance of (30) feet or other approved method to reduce fire spread into the wildlands. If (30) feet clearing cannot be achieved, then an alternate method shall be approved by the AHJ prior to work starting.
2. Maintain one serviceable round point shovel with an overall length of not less than forty-six (46) inches and one backpack pump water-type fire extinguisher fully equipped and ready for use at the immediate area during the operation.
3. Stop Work when winds are 8 MPH or greater during periods when relative humidity is less than 25%, or a red flag condition has been declared or public announcement is made, when an official sign was caused to be posted by the fire code official, or when such fires present a hazard as determined by the fire code official.
4. Keep a cell phone nearby and call 911 immediately in case of fire.

Section 327.2 Spark Arresters is hereby added as follows:

327.2 Spark arresters. Spark arresters shall comply with Section 202, and when affixed to the exhaust system of engines or vehicles subject to Section 327 shall not be placed or mounted in such a manner as to allow flames or heat from the exhaust system to ignite any flammable material.

15.08.060 Chapter 4 Emergency Planning and Preparedness – amendments.

Chapter 4 Emergency Planning and Preparedness. Adopt only those sections and subsections adopted by the SFM with the following amendment.

401 – 401.9
402
403.1
403.2
403.4 – 403.4.4
403.10.2.1.1
403.10.6
403.12 – 403.12.3
404.5 – 404.6.6
407

Section 407.5 is revised to read as follows:

407.5 Hazardous Materials Inventory Statement. Where required by the fire code official, each application for a permit shall include OCFA's Chemical Classification Guideline in accordance with Section 5001.5.2.

15.08.070 Chapter 5 Fire Service Features. – amendments.

Chapter 5 Fire Service Features is adopted in its entirety as amended by SFM with the following amendments:

SECTION 501.1 Scope is revised to read as follows:

501.1 Scope. Fire service features for buildings, structures and premises shall comply with this chapter and, where required by the fire code official, with OCFA Guideline B-01, "Fire Master Plan for Commercial & Residential Development."

Section 510.1 Emergency responder radio coverage in new buildings is revised to read as follows:

510.1 Emergency responder radio coverage in new buildings. All new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building. This section shall not require improvement of the existing public safety communication systems. The Emergency Responder Radio Coverage System shall comply with the requirements of the Orange County Sheriff's Department, Communications and Technology Division, and, where the functionality or performance requirements in the California Fire Code are more stringent, in this code.

Exceptions:

1. In buildings or structures where it is determined by the fire code official that the radio coverage system is not needed, including but not limited to the following:
 - a. Existing buildings or structures, unless required by the Building Official and OCFA for buildings and structures undergoing extensive remodel and/or expansion.
 - b. Elevators.
 - c. Structures that meet all of the following:
 - i. Three stories or less, and
 - ii. Do not have subterranean storage or parking, and
 - iii. Do not exceed 50,000 square feet on any single story.
 - d. Structures that meet all of the following:
 - i. Residential structures four stories or less, and
 - ii. Constructed of wood, and
 - iii. Do not have subterranean storage or parking, and
 - iv. Are not built integral to an above ground multi-story parking structure.

Should a structure that is three stories or less and 50,000 square feet or smaller on any single story include subterranean storage or parking, then this ordinance shall apply only to the subterranean areas.
2. In facilities where emergency responder radio coverage is required and such systems, components or equipment required could have a negative impact on the normal operations of the facility, the fire code official shall have the authority to accept an automatically activated emergency radio coverage system.

15.08.080 Chapter 9 Fire Protection and Life Safety Systems – amendments.

Adopt Chapter 9 Fire Protection and Life Safety Systems is adopted in its entirety with the following amendments:

Section 903.2 Where required is hereby amended to read as follows:

903.2 Where required. Approved automatic sprinkler systems in buildings and structures shall be provided when one of the following conditions exists:

1. **New buildings:** Notwithstanding any applicable provisions of Sections 903.2.1 through 903.2.20 an automatic fire-extinguishing system shall also be installed in all occupancies when the total building area exceeds 5,000 square feet as defined in Section 202, regardless of fire areas or allowable area, or is more than two stories in height.

Exception: Subject to approval by the Fire Code Official, open parking garages in accordance with Section 406.5 of the California Building Code that

are smaller than the area specified in Section 903.2.10 (3) or 903.2.10.1 of the California Fire Code.

2. **Existing Buildings:** Notwithstanding any applicable provisions of this code, an automatic sprinkler system shall be provided in an existing building when an addition occurs and one of the following conditions exists:
 - a. When an addition is 33% or more of the existing building area, and the resulting building area exceeds 5000 square feet
 - b. When an addition exceeds 2000 square feet, and the resulting building area exceeds 5000 square feet.
 - c. An additional story is added above the second floor regardless of fire areas or allowable area.

Exception: Additions to Group R-3 occupancies shall comply with Section 903.2.8 (2).

Section 903.2.8 Group R is hereby amended to read as follows:

903.2.8 Group R. An automatic sprinkler system installed in accordance with Section 903.3 shall be provided throughout all buildings with a Group R fire area as follows:

1. **New Buildings:** An automatic sprinkler system shall be installed throughout all new buildings.
2. **Existing Buildings:** An automatic sprinkler system shall be installed throughout when one of the following conditions exists:
 - a. When the floor area of alterations within any two-year period exceeds 50 percent of the gross floor area of the existing structure and the building gross floor area exceeds 4,800 square feet: or
 - b. When an existing Group R Occupancy is being substantially renovated, and where the scope of the renovation is such that the Building Code Official determines that the complexity of installing a sprinkler system would be similar as in a new building.

Exceptions:

1. Existing Group R-3 occupancies converted to Group R-3.1 occupancies and not housing bedridden clients, not housing non-ambulatory clients above the first floor, and not housing clients above the second floor.

2. Existing Group R-3 occupancies converted to Group R-3.1 occupancies housing only one bedridden client and complying with Section 435.8.3.3 of the California Building Code.
3. Pursuant to Health and Safety Code, Section 13113, occupancies housing ambulatory children only, none of whom are mentally ill children or children with intellectual disabilities, and the buildings or portions thereof in which such children are housed are not more than two stories in height, and building or portions thereof housing such children have an automatic fire alarm system activated by approved smoke detectors.
4. Pursuant to Health and Safety Code, Section 13143.6, occupancies licensed for protective social care which house ambulatory clients only, none of whom is a child (under the age of 18 years), or who is elderly (65 years of age or over).

When not used in accordance with Section 504.2 or 506.3 of the California Building Code, an automatic sprinkler system installed in accordance with Section 903.3.1.2 shall be allowed in Group R-2.1 occupancies.

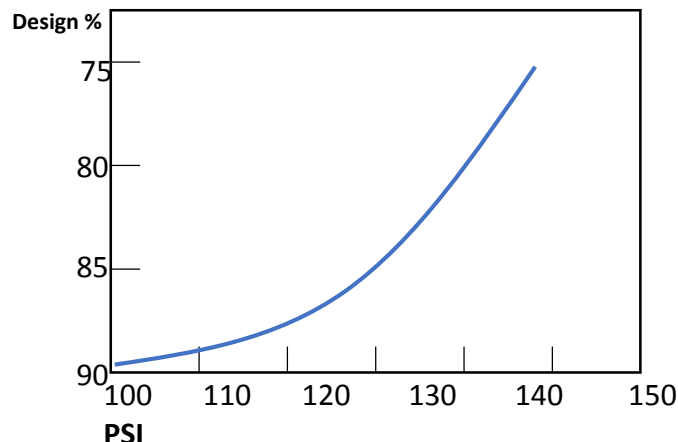
An automatic sprinkler system designed in accordance with Section 903.3.1.3 shall not be utilized in Group R-2.1 or R-4 occupancies.

Section 903.3.5.3 Hydraulically calculated systems is hereby added to read as follows:

903.3.5.3 Hydraulically calculated systems. The design of hydraulically calculated fire sprinkler systems shall not exceed 90% of the water supply capacity

Exception: When static pressure exceeds 100 psi, and required by the Fire Code Official, the fire sprinkler system shall not exceed water supply capacity specified by Table 903.3.5.3

TABLE 903.3.5.3
Hydraulically Calculated Systems



15.08.090 Chapter 11 Construction Requirements for Existing Buildings – amendments.

15.08.090 Chapter 25 Fruit and Crop Ripening – deleted

Chapter 25 Fruit and Crop Ripening is deleted in its entirety.

15.08.100 Chapter 26 Fumigation and Insecticidal Fogging – deleted

Chapter 26 Fumigation and Insecticidal Fogging is deleted in its entirety.

15.08.110 Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities – amendments.

Chapter 28 Lumber Yards and Agro-Industrial, Solid Biomass and Woodworking Facilities is adopted in its entirety with the following amendments:

Section 2801.2 Permit is hereby revised to read as follows:

2801.2 Permit. Permits shall be required as set forth in Section 105.6 and 105.5.31.

Section 2808.2 Storage site is hereby revised to read as follows:

2808.2 Storage site. Storage sites shall be level and on solid ground, elevated soil lifts or other all-weather surfaces. Sites shall be thoroughly cleaned, and approval obtained from the fire code official before transferring products to the site.

Section 2808.3 Size of piles is hereby revised to read as follows:

2808.3 Size of piles. Piles shall not exceed 15 feet in height, 50 feet in width and 100 feet in length.

Exception: The fire code official is authorized to allow the pile size to be increased where a fire protection plan is provided for approval that includes, but is not limited to, the following:

1. Storage yard areas and materials-handling equipment selection, design and arrangement shall be based upon sound fire prevention and protection principles.
2. Factor that lead to spontaneous heating shall be identified in the plan, and control of the various factors shall be identified and implemented, including provisions for monitoring the internal condition of the pile.
3. The plan shall include means for early fire detection and reporting to the public fire department; and facilities needed by the fire department for fire extinguishment including a water supply and fire hydrants.

4. Fire apparatus access roads around the piles and access roads to the top of the piles shall be established, identified and maintained.
5. Regular yard inspections by trained personnel shall be included as part of an effective fire prevention maintenance program.

Additional fire protection called for in the plan shall be provided and shall be installed in accordance with this code. The increase of the pile size shall be based upon the capabilities of the installed fire protection system and features.

Section 2808.4 Pile Separation is hereby revised to read as follows:

2808.4. Pile separation. Piles shall be separated from adjacent piles by a minimum distance of 20 feet. Additionally, piles shall have a minimum separation of 100 feet from combustible vegetation.

Section 2808.7 Pile fire protection is hereby revised to read as follows:

2808.7 Pile fire protection. Automatic sprinkler protection shall be provided in conveyor tunnels and combustible enclosures that pass under a pile. Combustible conveyor systems and enclosed conveyor systems shall be equipped with an approved automatic sprinkler system. Oscillating sprinklers with a sufficient projectile reach are required to maintain a 40% to 60% moisture content and wet down burning/smoldering areas.

Section 2808.9 Material-handling equipment is hereby revised to read as follows:

2808.9 Material-handling equipment. All material-handling equipment operated by an internal combustion engine shall be provided and maintained with an approved spark arrester. Approved material-handling equipment shall be available for moving wood chips, hogged material, wood fines and raw product during fire-fighting operations.

Section 2808.11 Temperature control is hereby added as follows:

2808.11 Temperature control. The temperature shall be monitored and maintained as specified in Sections 2808.11.1 and 2808.11.2.

Section 2808.11.1 Pile temperature control is hereby added as follows:

2808.11.1 Pile temperature control. Piles shall be rotated when internal temperature readings are in excess of 165 degrees Fahrenheit.

Section 2808.11.2 New material temperature control is hereby added as follows:

2808.11.2 New material temperature control. New loads delivered to the facility shall be inspected and tested at the facility entry prior to taking delivery. Material

with temperature exceeding 165 degrees Fahrenheit shall not be accepted on the site. New loads shall comply with the requirements of this chapter and be monitored to verify that the temperature remains stable.

Section 2808.12 Water availability is hereby added as follows:

2808.12 Water Availability. Facilities with over 2500 cubic feet shall provide a water supply. The minimum fire flow shall be no less than 500 GPM @ 20 psi for a minimum of 1 hour duration for pile heights up to 6 feet and 2 hour duration for pile heights over 6 feet. If there is no water purveyor, an alternate water supply with storage tank(s) shall be provided for fire suppression. The water supply tank(s) shall provide a minimum capacity of 2500 gallons per pile (maximum 30,000 gallons) for piles not exceeding 6 feet in height and 5000 gallons per pile (maximum 60,000) for piles exceeding 6 feet in height. Water tank(s) shall not be used for any other purpose unless the required fire flow is left in reserve within the tank at all times. An approved method shall be provided to maintain the required amount of water within the tank(s).

Section 2808.13 Tipping area is hereby added as follows:

2808.13 Tipping areas shall comply with the following:

1. Tipping areas shall not exceed a maximum area of 50 feet by 50 feet.
2. Material within a tipping area shall not exceed 5 feet in height at any time.
3. Tipping areas shall be separated from all piles by a 20 foot wide fire access lane.
4. A fire hydrant or approved fire water supply outlet shall be located within 150 feet of all points along the perimeter of the tipping area.
5. All material within a tipping area shall be processed within 5 days of receipt.

Section 2808.14 Emergency Contact is hereby added as follows:

2808.14 Emergency Contact. The contact information of a responsible person or persons shall be provided to the Fire Department and shall be posted at the entrance to the facility for responding units. The responsible party should be available to respond to the business in emergency situation.

Section 2808.15 Maximum Grid of Piles and Rows is hereby added as follows:

2808.15 Maximum Grid of Piles and Rows. Rows of Piles shall not exceed 500 feet by 500 feet. Grids shall be separated by a minimum 50 foot clear space used for no other purpose.

Section 2808.16 Push-out / Clear area is hereby added as follows:

2808.16 Push-out / Clear area. Piles exceeding 20 cubic yards shall be provided with push-out areas. Push-out areas shall be maintained clear at all times to allow

for the largest pile to be spread out to a depth of 2 feet in height. Push-out areas shall be located within 250 feet of all edges of any pile and shall be located a minimum of 20 feet from any building.

15.08.120 Chapter 49 Requirements for Wildland-Urban Interface Fire Areas – amendments.

Chapter 49 Requirements for Wildland-Urban Interface Fire Areas is adopted in its entirety with the following amendments:

Section 4903.3 Fuel Modification Plans is hereby added as follows:

4903.3 Fuel Modification Plans. Fuel modification plans shall be reviewed and approved by OCFA for all new buildings to be built or installed in a wildfire risk area. Plans shall meet the criteria set forth in OCFA Guideline C-05 “Vegetation Management Guideline – Technical Design for New Construction Fuel Modification Plans and Maintenance Program.

15.08.130 Chapter 50 Hazardous Materials – General Provisions – amendments.

Chapter 50 Hazardous Materials – General Provisions is adopted in its entirety with the following amendments.

Section 5001.5.2 Hazardous Materials Inventory Statement (HMIS) is hereby revised to read as follows:

5001.5.2 Hazardous Materials Inventory Statement (HMIS). Where required by the fire code official, an application for a permit shall include, the Orange County Fire Authority’s Chemical Classification Guideline, which shall be completed and approved prior to approval of plans, and/or the storage, use or handling of chemicals on the premises.

Section 5003.1.1.1 Extremely Hazardous Substances is hereby added as follows:

5003.1.1.1 Extremely Hazardous Substances. No person shall use or store any amount of extremely hazardous substances (EHS) in excess of the disclosable amounts (see Health and Safety Code Section 25500 et al) in a residential zoned or any residentially developed property.

15.08.140 Chapter 56 Explosives and Fireworks – amendments.

Chapter 56 Explosives and Fireworks is adopted in its entirety with the following amendments:

Section 5608.2 Firing is hereby added as follows:

5608.2 Firing. All fireworks display, regardless of mortar, device, or shell size, shall be electrically fired.

Section 5608.3 Application for Permit is hereby added as follows:

Section 5608.3 Application for Permit. A diagram of the grounds on which the display is to be held showing the point at which the fireworks are to be discharged, the fallout area based on 100 feet per inch of shell size, the location of all buildings, roads, and other means of transportation, the lines behind which the audience will be restrained, the location of all nearby trees, telegraph or telephone lines, or other overhead obstructions shall be provided to OCFA.

15.08.150 Chapter 57 Flammable and Combustible Liquids – amendments.

Chapter 57 Flammable and Combustible Liquids. Adopt Chapter 57, with the exception of Section 5707, in its entirety and with the following amendment:

Section 5701.1.1 On-Demand Mobile fueling is added as follows:

Section 5701.1.1 Mobile fueling. On-demand mobile fueling of Class I, II, and III liquids into the fuel tanks of vehicles is prohibited.

15.08.160 Chapter 58 Flammable Gases and Flammable Cryogenic Fluids – amendments.

Chapter 58 Flammable Gases and Flammable Cryogenic Fluids. Adopt Chapter 58, with the exception of Section 5809, in its entirety and with the following amendment:

Section 5801.1 Scope is revised as follows:

Section 5801.1 Scope. The storage and use of flammable gases and flammable cryogenic fluids shall be in accordance with this chapter, NFPA 2 and NFPA 55. Compressed gases shall also comply with Chapter 53 and cryogenic fluids shall also comply with Chapter 55. Flammable cryogenic fluids shall comply with Section 5806. Hydrogen motor fuel-dispensing stations and repair garages and their associated above-ground hydrogen storage systems shall also be designed, constructed and maintained in accordance with Chapter 23. Mobile fueling of gaseous and liquid hydrogen, compressed natural gas (CNG), and liquefied natural gas (LNG) into the fuel tanks of vehicles is prohibited.

Exceptions:

1. Gases used as refrigerants in refrigeration systems (see Section 608).
2. Liquefied petroleum gases and natural gases regulated by Chapter 61.

3. Fuel-gas systems and appliances regulated under the California Mechanical Code and the California Plumbing Code other than gaseous hydrogen systems and appliances.
4. Pyrophoric gases in accordance with Chapter 64.

15.08.170 Chapter 80 Referenced Standards – amendments.

NFPA 13, 2022 Edition, Standard for the Installation of Sprinkler Systems is hereby amended as follows:

Section 16.12.3.3 is hereby revised to read as follows:

16.12.3.3 Fire department connections (FDC) shall be of an approved type. The location shall be approved and be no more than 150 feet from a public hydrant. The FDC may be located within 150 feet of a private fire hydrant when approved by the fire code official. The size of piping and the number of 2½" inlets shall be approved by the fire code official. If acceptable to the water authority, it may be installed on the backflow assembly. Fire department inlet connections shall be painted OSHA safety red or as approved. When the fire sprinkler density design requires more than 500 gpm (including inside hose stream demand), or a standpipe system is included, four 2½" inlets shall be provided.

Section 9.4.3.1 is hereby revised to read as follows:

9.4.3.1 When fire sprinkler systems are installed in shell buildings of undetermined use (Spec Buildings) other than warehouses (S occupancies), fire sprinklers of the quick-response type shall be used. Use is considered undetermined if a specific tenant/occupant is not identified at the time the fire sprinkler plan is submitted. Sprinklers in light hazard occupancies shall be one of the following:

1. Quick-response type as defined in 3.6.4.8
2. Residential sprinklers in accordance with the requirements of 8.4.5
3. Quick response CMSA sprinklers
4. ESFR sprinklers
5. Standard-response sprinklers used for modifications or additions to existing light hazard systems equipped with standard-response sprinklers
6. Standard-response sprinklers used where individual standard-response sprinklers are replaced in existing light hazard systems

Section 9.2.1.7 is hereby revised as follows:

9.2.1.7 Concealed spaces filled with noncombustible insulation shall not require sprinkler protection when approved by the fire code official.

NFPA 13D 2022 Edition, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes is hereby amended as follows:

Section 7.1.2 is hereby revised to read as follows:

7.1.2 The sprinkler system piping shall not have separate control valves installed unless supervised by a central station, proprietary, or remote station alarm service.

NFPA 14, 2019 Edition, Installation of Standpipe and Hose Systems is hereby amended as follows:

Section 7.3.1.1 is hereby deleted in its entirety.

NFPA 24, 2019 Edition, Standard for the Installation of Private Fire Service Mains and Their Appurtenances is hereby amended as follows:

Section 6.2.8.1 is hereby added as follows:

6.2.8.1 All indicating valves controlling fire suppression water supplies shall be painted OSHA red.

Exceptions:

1. Brass or bronze valves on sprinkler risers mounted to the exterior of the building may be left unpainted.
2. Where OS&Y valves on the detector check assembly are the only control valves, at least one OS&Y valve shall be painted red.

Section 6.2.9 is hereby revised to read as follows:

All connections to private fire service mains for fire protection systems shall be arranged in accordance with one of the following so that they can be isolated:

- (1) A post indicator valve installed not less than 40 ft (12 m) from the building
 - (a) For buildings less than 40 ft (12 m) in height, a post indicator valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the post indicator valve.
- (2) A wall post indicator valve
- (3) An indicating valve in a pit, installed in accordance with Section 6.4

- (4) A backflow preventer with at least one indicating valve not less than 40 ft (12 m) from the building
 - (a) For buildings less than 40 ft (12 m) in height, a backflow preventer with at least one indicating valve shall be permitted to be installed closer than 40 ft (12 m) but at least as far from the building as the height of the wall facing the backflow preventer.
- (5) Control valves installed in a fire-rated room accessible from the exterior
- (6) Control valves in a fire-rated stair enclosure accessible from the exterior

Section 10.1.5 is hereby added as follows:

10.1.5 All ferrous pipe and joints shall be polyethylene encased per AWWA C150, Method A, B, or C. All fittings shall be protected with a loose 8-mil polyethylene tube or sheet. The ends of the tube or sheet shall extend past the joint by a minimum of 12 inches and be sealed with 2 inch wide tape approved for underground use. Galvanizing does not meet the requirements of this section.

Exception: 304 or 316 Stainless Steel pipe and fittings

Section 10.4.1.1 is hereby revised to read as follows:

10.4.1.1 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material after installation.

Exception: Bolted joint accessories made from 304 or 316 stainless steel.

Section 10.4.1.1.1 is hereby added as follows:

10.4.1.1.1 All bolts used in pipe-joint assembly shall be 316 stainless steel.

Section 10.4.3.2 is hereby added as follows:

10.4.3.2 Where fire service mains enter the building adjacent to the foundation, the pipe may run under a building to a maximum of 24 inches, as measured from the interior face of the exterior wall to the center of the vertical pipe. The pipe under the building or building foundation shall be 304 or 316 stainless steel and shall not contain mechanical joints or it shall comply with 10.4.3.2.1 through 10.4.3.2.4.

15.08.180 Appendix A Board of Appeals – deleted.

Appendix A Board of Appeals is hereby deleted in its entirety.

15.08.190 Appendix B Fire-Flow Requirements for Buildings – adopted.

Appendix B Fire-Flow Requirements for Buildings is hereby adopted with amendments outlined in OCFA Guideline B-09.

15.04.200 Appendix BB Fire-Flow Requirements for Buildings – adopted.

Appendix BB Fire-Flow Requirements for Buildings is hereby adopted.

15.08.210 Appendix C Fire Hydrant Locations and Distribution – adopted.

Appendix C Fire Hydrant Locations and Distribution is hereby adopted.

15.08.220 Appendix CC Fire Hydrant Locations and Distribution -- adopted.

Appendix CC Fire Hydrant Locations and Distribution is hereby adopted.

15.08.230 Appendix D Fire Apparatus Access Roads – deleted.

Appendix D Fire Apparatus Access Roads is hereby deleted in its entirety.

15.08.240 Appendix E Hazard Categories – deleted.

Appendix E Hazard Categories is hereby deleted in its entirety.

15.08.250 Appendix F Hazard Ranking – deleted.

Appendix F Hazard Ranking is hereby deleted in its entirety.

15.08.260 Appendix G Cryogenic Fluids – Weight and Volume Equivalents – deleted.

Appendix G Cryogenic Fluids – Weight and Volume Equivalents is hereby deleted in its entirety.

15.08.270 Appendix H Hazardous Materials Management Plans (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions – adopted.

Appendix H Hazardous Materials Management (HMMS) Plans and Hazardous Materials Inventory Statements (HMIS) Instructions is hereby adopted.

15.08.280 Appendix I Fire Protection Systems – Noncompliant Conditions – deleted.

Appendix I Fire Protection Systems – Noncompliant Conditions is hereby deleted in its entirety.

15.08.290 Appendix J Building Information Sign – deleted.

Appendix J Building Information Sign is hereby deleted in its entirety.

15.08.300 Appendix K Construction Requirements for Existing Ambulatory Care Facilities -- deleted.

Appendix K Construction Requirements for Existing Ambulatory Care Facilities is hereby deleted in its entirety

15.08.310 Appendix L Requirements for Fire Fighter Air Replenishment Systems – deleted.

Appendix L Requirements for Fire Fighter Air Replenishment Systems is hereby deleted in its entirety

15.08.320 Appendix M High Rise Buildings – Retroactive Automatic Sprinkler Requirement – deleted.

Appendix M High Rise Buildings – Retroactive Automatic Sprinkler Requirements is hereby deleted in its entirety

18.08.330 Appendix N Indoor Trade Shows and Exhibitions – deleted.

Appendix N Indoor Trade Shows and Exhibitions is hereby deleted in its entirety

15.08.340 Appendix O Temporary Haunted Houses, Ghost Walks and Similar Amusement Uses – deleted.

Appendix O Temporary Haunted Houses, Ghost Walks and Similar Amusement Uses is hereby deleted in its entirety.

Section 3. Ordinance No. 2016-1029 is hereby repealed in its entirety.

Section 4. CEQA. The City Council hereby finds and determines that it can be seen with certainty that there is no possibility that this ordinance may have a significant adverse effect on the environment, since it adopts updated building and safety standards, which the City had previously adopted in substantial form. Thus, the adoption of this ordinance is exempt from the requirements of the California Environmental Quality Act (“CEQA”) pursuant to Section 15061(b)(3) of the CEQA Guidelines. Staff is directed to file a Notice of Exemption with the Orange County Clerk’s Office within five (5) working days of the approval of this ordinance.

Section 5. Severability. If any section, subsection, sentence, clause, phase, or portion of this Ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have adopted this Ordinance, and each section, subsection, subdivision, sentence, clause, phrase or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases or portions might subsequently be declared invalid or unconstitutional.

Section 6. Effective Date. This ordinance shall take effect on January 1, 2023. The City Clerk shall certify to the adoption of this ordinance and shall cause this ordinance or a summary thereof to be published in the manner required by law.

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Yorba Linda on this 6th day of December, 2022.

, MAYOR
CITY OF YORBA LINDA

ATTEST:

MARCIA BROWN, CITY CLERK
CITY OF YORBA LINDA

APPROVED AS TO FORM:
RUTAN & TUCKER LLP

CITY ATTORNEY

COUNTY OF ORANGE) ss.

I, MARCIA BROWN, City Clerk of the City of Yorba Linda, California, **DO HEREBY CERTIFY** that the foregoing Ordinance was adopted at a regular meeting of the City Council of the City of Yorba Linda held on this 6th day of December, 2022 and was carried by the following roll call vote:

AYES: COUNCILMEMBERS:
NOES: COUNCILMEMBERS: None
ABSENT: COUNCILMEMBERS: None

MARCIA BROWN, CITY CLERK
CITY OF YORBA LINDA