

ATTACHMENT 2

2022 California Fire Code (CFC) - OCFA Amendment Summary

Legend

Existing	This 2019 amendment is being carried forward into 2022 amendment package. Minor editorial/clerical changes may have been made, but they do not have material regulatory effect.
Revised	A modified version of the 2019 amendment is being carried forward. Changes in scope or wording are significant relative to the 2019 version, or they may impact regulatory effect.
Deleted	This 2019 amendment is not being carried forward into the 2022 amendment package.
New	This is a new amendment in the 2022 amendment package.

2022 CFC CODE SECTION	2019 Code Section	TITLE/SUBJECT	COMMENTS/JUSTIFICATION	STATUS
Chapter 1 - Scope & Administration				
112.4	110.4	Violation penalties	Clarifies administrative violation process; fines now based on OCFA adopted fee schedule.	Existing
112.4.2	110.4.2	Infraction & Misdemeanor	Used for purpose of applying penalties under 109.4. Amendment combines definitions of infraction and misdemeanor under one section.	Existing
Chapter 2 - Definitions				
202	202	Definitions	Definition of "OCFA" and "spark arrester" unchanged.	Existing
Chapter 3 - General Requirements				
304.1.2	304.1.2	Vegetation	Aligns maintenance to OCFA Guideline C-05 requirements.	Existing
305.6	305.6	Hazardous Conditions	Prohibits outdoor fires during hazardous weather conditions.	Existing
305.7	305.7	Disposal of Rubbish	Prohibits open burning of trash, leaves, and other debris.	Existing
307	307	Open burning, recreational fires, fire pits, fire rings, and outdoor fireplaces	Administrative change to the section title to include fire pits and fire rings regulated under amendments in 307.6. No change from previous amendment.	Existing
307.6	307.6	Outdoor Fireplaces, Fire Pits, Fire Rings, or similar devices used at Group R Occupancies.	Addresses requirements for outdoor fireplaces, fire pits, fire rings.	Existing
307.6.1	307.6.1	Gas-fueled devices	Prohibits gas fire pits within 3' of R-3 occupancy or 10' of other R occupancies	Existing
307.6.2	307.6.2	Devices using wood or fuels other than natural gas or LPG	Prohibits solid fuel within 15' of combustibles unless in a fireplace	Existing
307.6.2.1	307.6.2.1	Where prohibited	Prohibits solid fuel fires in fuel mod zone, and in Wildland-Urban Interface/Wildfire Risk Area outside of fireplaces	Existing
308.1.6.3	308.1.6.3	Sky lanterns	Addressed in 2022 CA Fire Code.	Deleted - 2022
324	321	Fuel modification requirements for new construction	Codifies requirements for fuel modification in properties adjacent to areas with combustible vegetation hazards.	Existing
325	322	Clearance of brush or vegetation growth from roadways	Authorizes clearance of vegetation from edges of roadways to reduce ignition hazard	Existing

2022 California Fire Code (CFC) - OCFA Amendment Summary

Legend

Existing	This 2019 amendment is being carried forward into 2022 amendment package. Minor editorial/clerical changes may have been made, but they do not have material regulatory effect.
Revised	A modified version of the 2019 amendment is being carried forward. Changes in scope or wording are significant relative to the 2019 version, or they may impact regulatory effect.
Deleted	This 2019 amendment is not being carried forward into the 2022 amendment package.
New	This is a new amendment in the 2022 amendment package.

2022 CFC CODE SECTION	2019 Code Section	TITLE/SUBJECT	COMMENTS/JUSTIFICATION	STATUS
326	323	Unusual circumstances	Provides for suspension of or alternative methods of compliance with vegetation maintenance standards under specific circumstances	Existing
327	324	Use of equipment	Requires use of spark arrester on equipment used in wildfire prone areas	Existing
327.1	324.1	Use of equipment and devices generating heat, sparks or open flames	Adopts a modified version of Public Resources Code requirement (30' setback instead of 10') for hazardous activities in wildland risk areas based on the cause of multiple fires in OCFA jurisdiction.	Existing
327.2	324.2	Spark arresters	Requires spark arresters to comply with CFC 202 and prevent accidental ignition	Existing
Chapter 4 - Emergency Planning and Preparedness				
407.5	407.5	Hazardous Material Inventory Statement	Reference to Hazardous material Inventory Statement is replaced by "OCFA's Chemical Classification packet" for consistency with Ch.50 language	Existing
Chapter 5- Fire Service Features				
501.1	501.1	Scope	Guideline B-09 has been reworked and renamed to B-01. Reference to B-09a is deleted since there are cross-references to Title 14 requirements in B-01.	Revised
510.1	510.1	Emergency responder radio coverage in <i>new</i> buildings	Amendment makes reference to local authority having jurisdiction's ordinance and specifies types of buildings where an emergency responder radio system is required	Existing
Chapter 9 - Fire Protection Systems				
903.2	903.2	Where required (Sprinklers)	Requires sprinklers in new buildings based on size. Requires sprinkler retrofit in buildings undergoing addition based on various area criteria. Revised to allow exception for open parking garages.	Existing
903.2.8	903.2.8	Group R (Sprinklers)	Requires sprinkler retrofit in homes undergoing addition or remodel based on various area criteria.	Existing
903.3.5.3	903.3.5.3	Hydraulically calculated systems	Adds specification for industry standard 10% safety margin to be included in sprinkler calculations	Existing
Chapter 12 - Energy Systems				

2022 California Fire Code (CFC) - OCFA Amendment Summary

Legend

Existing	<i>This 2019 amendment is being carried forward into 2022 amendment package. Minor editorial/clerical changes may have been made, but they do not have material regulatory effect.</i>
Revised	<i>A modified version of the 2019 amendment is being carried forward. Changes in scope or wording are significant relative to the 2019 version, or they may impact regulatory effect.</i>
Deleted	<i>This 2019 amendment is not being carried forward into the 2022 amendment package.</i>
New	<i>This is a new amendment in the 2022 amendment package.</i>

2022 CFC CODE SECTION	2019 Code Section	TITLE/SUBJECT	COMMENTS/JUSTIFICATION	STATUS
1201.1.1		Other Systems	Added specification for battery charging systems for cars and carts	Deleted - 2022
Chapter 28 - Lumber yard, agro-industrial, Solid Biomass and Woodworking Facilities				
2801.2	2801.2	Permit (Miscellaneous combustible storage)	Clarifies permit for storage/composting of green waste is a Miscellaneous Combustible Storage permit	Existing
2808.2	2808.2	Storage site	Requires OCFA approval of site before bringing product to the site	Existing
2808.3	2803.3	Size of piles	Reduces the size of piles of combustible materials	Existing
2808.4	2808.4	Pile separation	Requires 20' separation between piles instead of specifically a fire lane; requires 100' separation from other combustible vegetation	Existing
2808.7	2808.7	Pile fire protection	Requires oscillating sprinklers to maintain moisture content and wet down burning/smoldering areas	Existing
2808.9	2808.9	Material-handling equipment	Requires approved spark arrester on equipment	Existing
2808.11	2808.11	Temperature control	Requires that temperature be monitored and maintained	Existing
2808.11.1	2808.11.1	Pile temperature Control	Requires rotation of piles above 165 degrees	Existing
2808.11.2	2808.11.2	New material temperature control	Regulates acceptance of new piles above 165 degrees	Existing
2808.12	2808.12	Water Availability	Establishes firefighting water quantity requirements	Existing
2808.13	2808.13	Tipping Area	Establishes requirements for new material tipping area configuration and use	Existing
2808.14	2808.14	Emergency Contact	Requires posting of emergency contact info	Existing
2808.15	N/A	Maximum Grid of Piles & Rows	Defining maximum separation of piles.	New
2808.16	N/A	Push out / Clear area	Identifying when a push-out area is required for piles.	New
Chapter 49 - Requirements for Wildland-Urban Interface Fire Areas				
4903.3	4908	Fuel Modification Plans	Amendment updated to be In accordance with new Fire Protection Plan language in Chapter 49 and revised language in Guideline C-05.	Revised

2022 California Fire Code (CFC) - OCFA Amendment Summary

Legend

Existing	This 2019 amendment is being carried forward into 2022 amendment package. Minor editorial/clerical changes may have been made, but they do not have material regulatory effect.
Revised	A modified version of the 2019 amendment is being carried forward. Changes in scope or wording are significant relative to the 2019 version, or they may impact regulatory effect.
Deleted	This 2019 amendment is not being carried forward into the 2022 amendment package.
New	This is a new amendment in the 2022 amendment package.

2022 CFC CODE SECTION	2019 Code Section	TITLE/SUBJECT	COMMENTS/JUSTIFICATION	STATUS
4906.3	4906.3	Requirements	This is now addressed in the new Defensible Space section in 2022 CFC Chapter 49, and OCFA Guideline C-05.	Deleted - 2022
Chapter 50 - Hazardous Materials				
5001.5.2	5001.5.2	Hazardous materials inventory statement (HMIS)	References "OCFA's Chemical Classification Packet" instead of a Hazardous Materials Inventory Statement	Existing
5003.1.1.1	5003.1.1.1	Extremely hazardous substances	Prohibits extremely hazardous substances above disclosable amounts in a residential area.	Existing
Chapter 56 - Explosives and Fireworks				
5608.2	5608.2	Firing (Fireworks)	Requires fireworks shows to be electrically fired.	Existing
5608.3	N/A	Application for Permit	Carries over Title 19 requirement into Fire Code so it can be amended to establish a 100'/inch fallout zone instead of the standard 70'/inch.	Existing
Chapter 57 - Flammable and Combustible Liquids				
5701.1.1	5701.1.1	Mobile Fueling	Removed mobile fueling from the scope of Chapter 57. Amendment is no longer needed as adoption matrix in the 2022 CFC clearly indicates that mobile fueling provisions are not adopted.	Deleted - 2022
Chapter 58 - Flammable Gases and Flammable Cryogenic Fluids				
5801.1	5801.1	Scope	Prohibited mobile fueling of hydrogen, CNG, LPG.	Deleted - 2022
Chapter 80 - Referenced Standards				
NFPA 13				
2022 NFPA 16.12.3.3	2016 NFPA 13, 6.7.3	FDC Type	Specifies type, location, color of FDC. Existing amendment language modified for additional clarity and to better align with other sections of NFPA 13.	Existing
9.4.3.1	8.3.3.1	Shell buildings	Specifies sprinkler type for spec shell buildings that are not warehouses	Existing
9.2.1.7	8.15.1.2.7	Concealed spaces	Revises section to ensure that the use of noncombustible insulation can be reviewed to prevent conflicts with operational requirements	Existing

2022 California Fire Code (CFC) - OCFA Amendment Summary

Legend

Existing	This 2019 amendment is being carried forward into 2022 amendment package. Minor editorial/clerical changes may have been made, but they do not have material regulatory effect.
Revised	A modified version of the 2019 amendment is being carried forward. Changes in scope or wording are significant relative to the 2019 version, or they may impact regulatory effect.
Deleted	This 2019 amendment is not being carried forward into the 2022 amendment package.
New	This is a new amendment in the 2022 amendment package.

2022 CFC CODE SECTION	2019 Code Section	TITLE/SUBJECT	COMMENTS/JUSTIFICATION	STATUS
19.1.1	11.1.1.1	Sprinkler design	Specifies sprinkler design criteria for spec buildings that are not warehouses	Deleted - 2022
19.1.4.1	11.2.3.1.1.1	Water supply	Specifies acceptable methods of determining water supply	Deleted - 2022
NFPA 13D				
2022 NFPA 13D 7.1.2	2016 NFPA 13D: 7.1.2	Control valves	Requires monitoring if a dedicated sprinkler shutoff valve is installed	Existing
NFPA 14				
2019 NFPA 14 7.3.1.1	2016 NFPA 14: 7.3.1.1	Hose Connection Height	Specified height of hose outlet	Deleted - 2022
NFPA 24				
2019 NFPA 24 6.2.8.1	2016 NFPA 24: 6.2.8.1	Indicating Valves	Specifies that valves controlling firefighting water supplies shall be painted red to facilitate identification by firefighters; provides exception for valves on exterior risers and for a system with only OS&Y shutoff valves.	Existing
6.2.9 (5)	6.2.9 (5)	Street valves	Removes exception for roadway valve boxes	Existing
10.1.5	10.1.5	Wrapping/Coating Pipe	Revised to allow <i>wrapping</i> of pipe with polyethylene sheet in accordance with AWWA standards instead of <i>tubing</i> .	Existing
10.4.1.1	10.4.1.1	Pipe joints	Specifies that stainless steel parts do not need to be coated with asphalt or other corrosion retardant.	Existing
10.4.1.1.1	10.4.1.1.1	Stainless steel bolts	Requires use of stainless steel bolts.	Existing
10.4.3.2	10.6.3.1	Pipe under foundations	Requires pipe to terminate near exterior wall; requires single piece stainless steel sweep at riser.	Existing
Appendices				
Appendices B, BB, C, CC, H	Only five of the 16 appendices included in the 2022 Fire Code (B, BB, C, CC, and H) are adopted by the State. OCFA is not proposing adoption of any additional appendices or amendments to them beyond what the State has already adopted.			