Following is a summary of amendments to the 2022 edition of the California Fire Code (CFC), which are further included in the City of Chula Vista Municipal Code (CVMC), Chapter 15.36. The amendments are organized sequentially by code section. California Health and Safety Code 17985.5 provides the authority for making local amendments. Amendments herein identify the California Code of Regulations, Title 24 (Title 24), sections being amended and distinguishes the amendment and/or added text from the text of Title 24 not being amended. The amendments contained throughout the adopting Fire Code Ordinance, CVMC 15.36, are more restrictive building standards and standards than those provided in Title 24. The City of Chula has made express findings that amendments to the building standards in Title 24 are reasonably necessary because of local climatic, geological, or topographical conditions.

Amendment Description Key:

Black text: 2022 CFC

Blue / underlined text: City of Chula Vista amendment - CFC addition
Blue / strikethrough text: City of Chula Vista amendment - CFC deletion

Black text without a respective code section: Informational

Chula Vista Municipal Code Chapter 15.36 Fire Code - Fire Protection and Prevention Amendments: The following amendments are proposed to implement the technical standards in the 2022 edition of the California Fire Code.

No.	Code Section(s)	Amendment Description
1.	CVMC 15.36.010	California Fire Code Chapter 1 - Scope and Administration - Adopted and amended
	CFC 105.5	105.5 Required operational permits. The fire code official is authorized to issue operational permits for the operations set forth in <u>all of Section 105.5</u> : Sections 105.5.21 through Sections 105.5.5257.
	CFC 105.5.55 General use permit. An operational permit is required for the issuance of a general use permit and respective inspection. A general use permit is required for any activity or operation not specifically describe to include high occupant loads and or when in the judgement of the Fire Code Official is likely to produce of hazardous to life or property. Mercantile occupancies 10,000sqf or greater, with no other permits, are required a general use operational permit.	
	CFC 105.5.56	105.5.56 State-mandated. An operational permit is required for California state-mandated inspected occupancies.
	CFC 105.5.57	105.5.57 General use certificate. A temporary operational permit is required for the issuance of a general use certificate and its respective inspections. A general use certificate is required for each new business within the City that is applying for a business license or for an existing business that is changing operations or expanding business operations into new suites and is revising their respective business license (with a physical commercial address within city limits).

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	CFC 106.1	106.1 Submittals and requirements. Construction documents and supporting data shall be submitted in two-three or more sets, or in an approved electronic format, with each application for a permit and in such form and detail as required by the fire code official. The construction documents shall be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed. Construction documents, plans, submittals, and other documents associated with building or remodeling a structure, including fire and life safety systems and fire service features, shall be in accordance with adopted codes, Sections 106.1 through 106.4, and the Fire Department's Fire Safety Engineering Standard Details and Requirements.
		Exception. The fire code official is authorized to waive the submission of construction documents and supporting data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.
	CFC 108.2.3	108.2.3 Re-inspection. Following an inspection, whether initial, annual, or other, during which it is determined that a violation exists, fire code re-inspections may be conducted at the discretion of the Fire Department until such violations have been corrected.
	CFC 112.4	112.4 Violation penalties. Persons who shall violate a provision of this code, including non-compliance with stop work and or do not occupy orders, or shall fail to comply with any of the requirements thereof 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 guilty of a misdemeanor [SPECIFY OFFENSE], punishable by a fine of not more than the greater of \$1,000 [AMOUNT] dollars or as established by the City of Chula Vista Policy and Procedures Manual for Civil penalties or by imprisonment not exceeding six (6) months [NUMBER OF DAYS], or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense.
	CFC 113.4	113.4 Failure to comply. Any person, who shall continues any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to a fines established by the authority having jurisdiction of not less than \$250 dollars or more than \$1,000 dollars.
		Necessary due to local Climatic, Geological, and Topographical Conditions
2.	CVMC 15.36.015	California Fire Code Chapter 2 - Definitions - Adopted and amended
	CFC 202	FIRE AUTHORITY HAVING JURISDICTION (FAHJ). Designated entity providing enforcement of fire regulations as they relate to planning, construction and development, and maintenance.

		FIRE DEPARTMENT. Any regularly organized fire department, fire protection district, a legally formed volunteer fire department recorded with the County of San Diego, or Fire Company regularly charged with the responsibility of providing fire protection to the jurisdiction.
		FIRE HAZARD. Anything that increases or could cause an increase of the hazard or menace of fire to a greater degree than customarily recognized as normal by persons in the public service regularly engaged in preventing, suppressing or extinguishing fire or anything or act which could obstruct, delay, hinder or interfere with the operations of the fire department or egress of occupants in the event of fire.
		FIRE SERVICE FEATURES. Is a general term inclusive of all other terms such as driveway, fire lane, public street, private street, parking lot, lane, access roadway or the like.
		VEGETATION. Weeds, grass, vines or other organic (cellulose) growth that is capable of being ignited and endangering property.
3.	CVMC 15.36.020	Necessary due to local Climatic, Geological, and Topographical Conditions California Fire Code Chapter 3 - General Requirements - Adopted in part and amended
	CFC 303	This CFC section is not adopted by the State nor the City.
	CFC 308.1.4	308.1.4 Open-flame cooking devices. Charcoal burners and other open-flame cooking devices shall not be operated on combustible balconies or within 10 feet (3048 mm) of combustible construction.
		Exceptions: 1. One—and two-family dwellingsGroup R-2 and Group R-3 occupancies. 2. Where buildings, balconies and decks are protected by an automatic sprinkler system. 3. LP-gas cooking devices having LP-gas container with a water capacity not greater than 21/2 pounds [nominal 1 pound (0.454 kg) LP-gas capacity].
		Necessary due to local Climatic, Geological, and Topographical Conditions
4.	CVMC 15.36.025	California Fire Code Chapter 4 - Emergency Planning and Preparedness - Adopted in part
		Adopts only the sections and subsections of the State.
		Respective to Cannabis businesses and the licensing thereof, Emergency Action and Fire Prevention Plans are required and shall comply with the provisions as set forth in Chula Vista Municipal Code, 5.19.050.B.1.e, and as

Attachment 2: 2022 CA Fire Code Amendment Matrix - City of Chula Vista Municipal Code 15.36

		further outlined under the City's Cannabis Regulations, §0502. Cannabis business Emergency Action and Fire			
		Prevention Plans shall show compliance with California Fire Code, Chapter 4, Emergency Planning and			
		Preparedness, Sections 404 through 407.			
5.	CVMC 15.36.030	California Fire Code Chapter 5 - Fire Service Features - Adopted and amended			
	CFC 511	511 PREPLANNING RESPONSE MAPS AND DATA			
	CFC 511.1	511.1 Requirements. Applicants submitting permits for and building any new development or project, which			
	CFC 311.1	necessitates updating of emergency response maps by virtue of new structures and their respective appurtenances,			
		hydrants, roadways, and or similar features, shall be required to provide electronic files with respective layers, in an			
		approved format, to the FAHJ.			
		approved format, to the 17113.			
		Necessary due to local Climatic, Geological, and Topographical Conditions			
6.	CVMC 15.36.035	California Fire Code Chapter 6 - Building Services and Systems - Adopted			
7.	CVMC 15.36.040	California Fire Code Chapter 7 - Fire and Smoke Protection Features - Adopted			
8.	CVMC 15.36.045	California Fire Code Chapter 8 - Interior Finish, Decorative Materials and Furnishings - Adopted			
9.	CVMC 15.36.050	California Fire Code Chapter 9 - Fire Protection and Life Safety Systems - Adopted and amended			
	901.6.3.2	901.6.3.2 Records reporting. All inspection, testing and maintenance reports shall be forwarded and made accessible			
		to the Fire Department using the electronic media and platform of the designated third party as approved by the City.			
		Paper (hard copy) reports are not permitted.			
	903.2.8.1.1	903.2.8.1.1 NFPA 13-D meter size. The minimum water meter size serving NFPA 13-D (dwelling) fire sprinkler			
	703.2.6.1.1	systems shall be no less than one (1) inch in diameter.			
		by sterilla shari de no tesa than one (1) men in diameter.			
		Exceptions:			
		1. Minimum meter size can be dependent upon hydraulic analysis, including safety factors, for second dwelling units			
		and accessory structures to group R3 occupancies.			
	905.4	905.4 Location of Class I standpipe hose connections. Class I standpipe hose connections shall be provided in all of			
		the following locations:			
		1. In every required interior exit stairway, a hose connection shall be provided for each story above and below grade			
		plane. Hose connections shall be located at the intermediatemain floor level landings between floors unless			
		otherwiseor as approved by the fire code official. See Section 909.20.2.3 of the California Building Code for			
		additional provisions in smokeproof enclosures.			

Attachment 2: 2022 CA Fire Code Amendment Matrix - City of Chula Vista Municipal Code 15.36

		Exception to Item 1 of 905.4 shall remain in full force and effect along with Exceptions 2 through 6.
		Necessary due to local Climatic, Geological, and Topographical Conditions
10.	CVMC 15.36.055	California Fire Code Chapter 10 - Means of Egress - Adopted
11.	CVMC 15.36.060	California Fire Code Chapter 11 - Construction Requirements for Existing Buildings - Adopted in part
		Adopts only the sections and subsections of the State.
12.	CVMC 15.36.065	California Fire Code Chapter 12 - Energy Systems - Adopted
13.	CVMC 15.36.070	California Fire Code Chapter 20 - Aviation Facilities - Adopted
14.	CVMC 15.36.075	California Fire Code Chapter 21 - Dry Cleaning - Adopted
15.	CVMC 15.36.080	California Fire Code Chapter 22 - Combustible Dust – Producing Operations - Adopted
16.	CVMC 15.36.085	California Fire Code Chapter 23 - Motor Fuel-Dispensing Facilities and Repair Garages - Adopted
17.	CVMC 15.36.090	California Fire Code Chapter 24 - Flammable Finishes - Adopted
18.	CVMC 15.36.095	California Fire Code Chapter 25 - Fruit and Crop Ripening - Adopted
19.	CVMC 15.36.100	California Fire Code Chapter 26 - Fumigation and Insecticidal Fogging - Not adopted
		This CFC chapter is not adopted by the State nor the City.
20.	CVMC 15.36.105	California Fire Code Chapter 27 - Semiconductor Fabrication Facilities - Adopted
21.	CVMC 15.36.110	California Fire Code Chapter 28 - Lumber Yards and Agro-industrial, Solid Biomass and Woodworking Facilities -
		Adopted
22.	CVMC 15.36.115	California Fire Code Chapter 29 - Manufacture of Organic Coatings - Adopted
23.	CVMC 15.36.120	California Fire Code Chapter 30 - Industrial Ovens - Adopted
24.	CVMC 15.36.125	California Fire Code Chapter 31 - Tents, Temporary Special Event Structures and Other Membrane Structures - Adopted
25.	CVMC 15.36.130	California Fire Code Chapter 32 - High-Piled Combustible Storage - Adopted
26.	CVMC 15.36.135	California Fire Code Chapter 33 - Fire Safety During Construction and Demolition - Adopted
27.	CVMC 15.36.140	California Fire Code Chapter 34 - Tire Rebuilding and Tire Storage - Adopted
28.	CVMC 15.36.145	California Fire Code Chapter 35 - Welding and Other Hot Work - Adopted
29.	CVMC 15.36.150	California Fire Code Chapter 36 - Marinas - Adopted
30.	CVMC 15.36.155	California Fire Code Chapter 37 - Combustible Fibers - Adopted
31.	CVMC 15.36.160	California Fire Code Chapter 39 - Processing and Extraction Facilities - Adopted
32.	CVMC 15.36.165	California Fire Code Chapter 40 - Storage of Distilled Spirits and Wine - Adopted
33.	CVMC 15.36.170	California Fire Code Chapter 48 - Motion Picture and Television Production Studio Sound Stages, Approved
		Production Facilities and Production Locations - Adopted

34.	CVMC 15.36.175	California Fire Code Chapter 49 - Requirements for Wildland-Urban Interface Fire Areas - Adopted and amended		
	CFC 4907.2	4907.2 Application. Buildings and structures located in the following areas shall maintain the required hazardous vegetation and fuel management:		
	CFC 4907.3.1	 All unincorporated lands designated by the State Board of Forestry and Fire Protection as a State Responsibility Area (SRA). Land designated as a Very High Fire Hazard Severity Zone by the Director. Land designated in ordinance by local agencies as a Very High Fire Hazard Severity Zone pursuant to Government Code Section 51179. Designated areas by the Fire Code Official. Designated areas. All non-maintained combustible vegetation, and or other such accumulations of non-maintained combustible vegetation materials in open space areas, as determined by the Fire Code Official, shall be maintained in an approved manner within one hundred (100) feet of any building or structure designed or intended for occupancy by humans or animals. 		
25	CVD4C 15 26 100	Necessary due to local Climatic, Geological, and Topographical Conditions		
35.	CVMC 15.36.180	California Fire Code Chapter 50 - Hazardous Materials - General Provisions - Adopted California Fire Code Chapter 51 - Aerosols - Adopted		
36. 37.	CVMC 15.36.185 CVMC 15.36.190	California Fire Code Chapter 51 - Aerosois - Adopted California Fire Code Chapter 53 - Compressed Gases - Adopted		
38.	CVMC 15.36.195	California Fire Code Chapter 53 - Compressed Gases - Adopted		
39.	CVMC 15.36.200	California Fire Code Chapter 54 - Corrosive Materials - Adopted California Fire Code Chapter 55 - Cryogenic Fluids - Adopted		
40.	CVMC 15.36.205	California Fire Code Chapter 56 - Explosives and Fireworks - Adopted and amended		
	CFC 5601.1.3.1	5601.1.3.1 Retail fireworks. The storage, use, sale, possession, and handling of fireworks 1.4G (commonly referred to as Safe & Sane) and fireworks 1.3G are prohibited unless they are being used as part of a public display when permitted and conducted by a licensed pyrotechnic operator.		
	CFC 5601.1.3.2	5601.1.3.2 Seizure of fireworks. The fire code official shall have the authority to seize, take, or remove all fireworks possessed, stored, sold, offered for sale, used or handled in violation of the provisions of this Ordinance and Title 19 California Code of Regulations.		
		Necessary due to local Climatic, Geological, and Topographical Conditions		
41.	CVMC 15.36.210	California Fire Code Chapter 57 - Flammable and Combustible Liquids - Adopted		
42.	CVMC 15.36.215	California Fire Code Chapter 58 - Flammable Gases and Flammable Cryogenic Fluids - Adopted		

43.	CVMC 15.36.220	California Fire Code	California Fire Code Chapter 59 - Flammable Solids - Adopted				
44.	CVMC 15.36.225	California Fire Code Chapter 60 - Highly Toxic and Toxic Materials - Adopted					
45.	CVMC 15.36.230	California Fire Code Chapter 61 - Liquefied Petroleum Gases - Adopted					
46.	CVMC 15.36.235	California Fire Code	Chapter 62 - Organ	ic Peroxides - Adopt	ed		
47.	CVMC 15.36.240	California Fire Code	Chapter 63 - Oxidiz	zers, Oxidizing Gases	s and Oxidizing Cry	ogenic Fluids - Adopted	
48.	CVMC 15.36.245	California Fire Code	Chapter 64 - Pyropl	horic Materials - Ado	opted		
49.	CVMC 15.36.250	California Fire Code	Chapter 65 - Pyroxy	ylin (Cellulose Nitrat	te) Plastics - Adopte	d	
50.	CVMC 15.36.255	California Fire Code	Chapter 66 - Unstal	ole (Reactive) Materi	als - Adopted		
51.	CVMC 15.36.260			-Reactive Solids and			
52.	CVMC 15.36.265	California Fire Code	Chapter 80 - Refere	enced Standards - Ad	opted		
53.	CVMC 15.36.270	California Fire Code	Appendices - Adop	ted in part and amend	ded		
	CFC Table B105.1(1)	TABLE B105.1(1)	TABLE B105.1(1). TABLE B105.1(1) REQUIRED FIRE FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3 AND R-4 BUILDINGS AND TOWNHOUSES ^b				
		Fire-Flow	Fire-Flow Automatic Minimum Fire- Flow Duration				
		Calculation	Sprinkler	Flow	(hours)		
		Area (sqf)	Systems	(gallons per	(nours)		
		I Hea (sq1)	(design-	minute) ^a			
			standard)	111111111111 1 1 1 1 1 1			
		0-3,600	No automatic	1,000 Value in	4Duration in		
		0 5,000	sprinkler system	Table B105.1(2)	Table		
			sprinkier system	<u>14010 B103.1(2)</u>	B105.1(2) at		
					the required		
					fire-flow rate		
		3,601 and	No automatic	Value in Table	Duration in		
		greater	sprinkler system	B105.1(2)	Table		
		greater	sprinklet system	B103.1(2)	B105.1(2) at		
					the required		
					fire-flow rate		
		0-3,600	Section	500Valua in			
		0-3,000		500 Value in	½-Duration in		
			903.3.1.3 of the	<u>Table B105.1(2)</u>	<u>Table</u>		
			California Fire		B105.1(2) at		

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			Code or Section 313.3 of the		the required	
•			California			_
			Residential			
			Code			
		3,601 and	Section	½ -Value	in <u>4 Duration i</u>	<u>n</u>
		greater	903.3.1.3 of the	Table B105	.1(2) <u>Table</u>	
			California Fire		B105.1(2) a	
			Code or Section		the required	
			313.3 of the		fire-flow rat	<u>e</u>
			California			
	CFC Table		Residential			
	B105.2	E CI. 1 f4	Code		- 2 705 I /···	
ı	B103.2	For SI: 1 square foot a. The fire flow rates				
						w rate, the FAHJ may require a fire
						odes, or a fire sprinkler system hazard
		classification upgrad				
		TABLE B105.2.	COLUMED FINE F	LOW FOR D	III DNIGG OTHER	THAN ONE AND TWO
1			•			THAN ONE- AND TWO-
		FAMILY DWELL	INGS, GROUP R-	3 AND R-4 I	BUILDINGS AND T	OWNHOUSES.
		Automatic Sprint	kler Minimum	Fire Flow	Flow Duration	
ĺ		Systems (design		er minute)	(hours)	
1		standard)	(gunons pe	i iiiiidee)	(llouis)	
		No automatic	Value i	n Table	Duration in Table	
		sprinkler syster	m B105	5.1(2)	B105.1(2)	
		Section 903.3.1.1		he value in	Duration in Table	
		the California F	ire Table B1	105.1(2) ^a	B105.1(2) at the	
		Code			reduced original flo	w
					rate	

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	CFC BB105.1	Section 903.3.1.2 of	25 <u>75</u> % of the value in	Duration in Table				
		the California Fire	Table B105.1(2) ^{ba}	B105.1(2) at the				
		Code		reduced original flow				
			2.505.7.1	rate				
,		For SI: 1 gallon per minute = 3.785 L/m a. The reduced fire-flow rate shall not be less than 1,000-500 gallons per minute.						
	CFC Table	a. The reduced fire-flow ra	te shall not be less than 1,000	200 gallons per minute.	fine flow notes as listed in Table			
	C102.1	b. The reduced fire flow rate shall not be less than 1,500 gallons per minute. The fire flow rates as listed in Table B105.1(2) are capped at 5,000gpm.						
				nimum required fire flow re	ite, the FAHJ may require a fire			
					s, or a fire sprinkler system hazard			
		classification upgrade in lie		- ,	,			
.								
		BB105.1 The minimum fir	e flow and flow duration for	r school buildings shall be	as specified in Table BB105.1.			
,								
					en the building is provided with an			
		approved automatic sprink GPM.	ler system. When a reductio	n in fire flow is used, fire f	low shall not be less than 1500			
		GPM.						
		TABLE C102.1						
			ND SPACING OF FIRE HY	/DRANTS				
		_	1 gallon per minute = 3.78					
		a. Reduce by 100 feet for dead-end streets or roads.						
					fighters pulling hose lines, or where			
					t of more than 30,000 vehicles per			
		day, hydrant spacing shall	average 500 feet on each sid	le of the street and be arran	ged on an alternating basis.			
	CFC Table				led for protection of structures or			
	CC105.1		iydrants shall be provided a	t spacing not to exceed 1,0	90 feet to provide for transportation			
		hazards. d. Reduce by 50 feet for de	ad and stuasts on mands					
			100 gallons per minute or fra	action thereof				
					d throughout with an approved			
		automatic sprinkler system	in accordance with Section	903 3 1 1 of the California	Fire Code			
		g. A 25-percent spacing inc	crease shall be permitted wh	ere the building is equippe	d throughout with an approved			
		automatic sprinkler system	in accordance with Section	903.3.1.2 or 903.3.1.3 of t	he California Fire Code or Section			
		313 of the California Resid						
•								

	ha. The fire code official is authorized to modify the location, number and distribution of fire hydrants based on site-
	specific constraints and hazards.
CFC Appx. H	TABLE CC105.1 NUMBER AND DISTRIBUTION OF FIRE HYDRANTS For SI: 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m. a. Reduce by 100 feet for dead end streets or roads. b. Where streets are provided with median dividers which can be crossed by fire fighters pulling hose lines, or where arterial streets are provided with four or more traffic lanes and have a traffic count of more than 30,000 vehicles per day, hydrant spacing shall average 500 feet on each side of the street and be arranged on an alternating basis up to a fire flow requirement of 7,000 gallons per minute and 400 feet for higher fire flow requirements.
	c. Where new water mains are extended along streets where hydrants are not needed for protection of structures or
	similar fire problems, fire hydrants shall be provided at spacing not to exceed 1,000 feet to provide for transportation
	hazards.
	d. Reduce by 50 feet for dead-end streets or roads.
	e. One hydrant for each 1,000 gallons per minute or fraction thereof.
	Appendix H, Hazardous Materials Management Plans and Hazardous Materials Inventory Statements, is adopted in its entirety.
	Appendix O, Temporary Haunted Houses, Ghost Walks and Similar Amusement Uses, is adopted in its entirety.
	Appendices not listed herein are not adopted as part of this Ordinance.
	Necessary due to local Climatic, Geological, and Topographical Conditions

^aSee City of Chula Vista 2022 California Fire Code Adopting Ordinance's Findings and Declarations (Section III) for Details on Climatic, Geological, and Topographical Express Findings and Markings

^bAll CFC Chapters adopted in their entirety with amendments or without amendments that may include additional code sections or subsections beyond the State's adoption are necessary due to local Climatic, Geological, and Topographical Conditions