

Resolution No. 2022-08
Fire Code
West Metro Fire Protection District

A RESOLUTION ADOPTING THE 2021 EDITION OF THE INTERNATIONAL FIRE CODE, REGULATING AND GOVERNING CONDITIONS HAZARDOUS TO LIFE AND PROPERTY FROM FIRE OR EXPLOSION, AND PROVIDING FOR THE ISSUANCE OF PERMITS FOR HAZARDOUS USES OR OPERATION.

WHEREAS, the Board of Directors of the West Metro Fire Protection District have previously adopted the 2018 International Fire Code in part; and

WHEREAS, the Board of Directors deems it necessary to adopt the following code for the purpose of establishing rules of conduct and standards for the protection of life, health, property, security and welfare of the inhabitants of the District; and

WHEREAS, the Board of Directors has considered the effect of fire code enforcement within the boundaries of the District and has determined that enforcement of the proposed codes would not cause undue hardship or suppression of economic growth within the District; and

WHEREAS, the Board of Directors has studied the necessity for realistic and reasonable level of fire protection to be provided by an urban fire protection district.

NOW, THEREFORE BE IT RESOLVED THAT:

SECTION I: Adoption of the 2021 International Fire Code.

There is hereby adopted by the West Metro Fire Protection District for the purpose of prescribing regulations governing conditions hazardous to life and property from fire, hazardous materials, or explosion, that certain Codes known as the International Fire Code, including Appendix Chapters: **B** (Fire-Flow Requirements for Building), **C** (Fire Hydrant Locations and Distribution), **D** (Fire Apparatus Access Roads) with specifications approved by the Fire Marshal, **F** (Hazard Ranking), **H** (Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions), **I** (Fire Protection Systems-Noncompliant Conditions), **K** (Construction Requirements for Existing Ambulatory Care Facilities), **L** (Requirements for Firefighter Air Replenishment Systems – new buildings only), **M** (High-rise buildings – Retroactive Automatic Sprinkler Requirement), **N** (Indoor Trade Shows and Exhibitions) as published by the International Code Council, being particularly the 2021 edition thereof and the whole thereof, save and except such portions as are hereinafter deleted, modified, or amended by the Resolution, of which said Code are now filed in the offices of the West Metro Fire Protection District, and the same are hereby adopted and incorporated as fully as if set out at length herein.

The date on which this Resolution shall take effect within the incorporated municipalities within this District shall be the date of approval by the governing board of said municipality and the date on which it shall take effect within the unincorporated portions of Jefferson County and Douglas County shall be on the date of approval by the Board of County Commissioners in and for Jefferson County, State of

Colorado and Douglas County, State of Colorado. This Code shall be in effect within the territorial limits of the West Metro Fire Protection District.

SECTION II: Establishment and Duties of Life Safety Inspectors.

Organizational structure and duties of the Life Safety Division shall be as provided by the District's rules and regulations, and internal organizational structure.

SECTION III: Definitions. The following definitions shall be utilized in addition to those set forth in the International Fire Code:

Wherever the word "jurisdiction" is used, it is meant to be inclusive of the boundaries of the West Metro Fire Protection District as they now or may hereafter exist.

Where the term "Chief" or "Deputy Chief of Life Safety", is used, it shall be held to mean the Fire Chief of the West Metro Fire Protection District, the District's Fire Marshal, or a designated member of the District.

Where the term "Board" is used, it shall be held to mean the Board of Directors of the West Metro Fire Protection District.

Wherever the term "International Building Code" is used, it shall be held to mean the International Building Code as adopted, amended and incorporated into the Jefferson County Building Code for unincorporated portions of Jefferson County or the International Building Code as adopted, amended and incorporated into the applicable municipality's Building Code within a municipality's territorial limits. Wherever the term "International Building Code" is used, it shall be held to mean whatever Building Code (Uniform/International) as adopted, amended and incorporated into the Douglas County Building Code for unincorporated portions of Douglas County.

SECTION IV: Amendments made in and to the International Fire Code. Only Appendices B, C, D, F, H, I, K, L, M, and N shall be adopted as amended.

The International Fire Code is amended in the following respects:

- ❖ 1. Chapter 1, §104.6 shall be changed to the following: "The fire code official shall keep official records as required by Sections 104.6.1 through 104.6.4. Such official records shall be retained for not less than six years."
- ❖ 2. Chapter 1, §104.7 Add the sentence: "Nothing herein shall be construed as a waiver of immunities provided by §24-10-101, *et seq.*, C.R.S. or by other statutes, or by the common law."
- ❖ 3. Chapter 1, §104.12 Add the sentence: "The authority of the Fire Chief of the District or designated members of the Life Safety Division and district to act as police officers shall only extend as far as the authority set forth in §32-1-1002, CRS, or other applicable state statutes."
- ❖ 4. Chapter 1, §105.5.53 Assisted living facilities. "An operational permit is required for the operation and maintenance of assisted living facilities."

- ❖ 5. Chapter 1, §105.5.54 Door side trash. “An operational permit is required for conducting door side trash collection services.”
- ❖ 6. Chapter 1, §105.6.25 is added to read as follows: “Buildings and facilities. Any owner or owner’s authorized agent who intends to construct, enlarge, alter, repair, move, demolish or change occupancy of a building, or structure, or facility permitted under the international building code, or which requires a new fire sprinkler or fire alarm system to be installed or modified, or to cause any such work to be performed, shall make an application to the fire code official and obtain the required permit.”
- ❖ 7. Chapter 1, §107 Add §107.2.1 Setting of Fees
 - (a) Pursuant to §32-1-1002 (1)(e)(II) CRS, the Board may fix and from time to time may increase or decrease fees and charges, at its discretion, for inspections, operational permits, and review of plans and specifications, which are:
 - (1) Requested or mandated for existing structures, buildings and improvements; and
 - (2) Necessitated in conjunction with any county regulation, resolution or condition of development; or
 - (3) Performed in conjunction with the construction of new structures, buildings, and improvements.
 - (b) Said fees and charges may, at the discretion of the Board, include a charge for reimbursement to the district of any consultation fees, expenses or costs incurred by the district in the performance of the inspections or review of the plans and specifications.
- ❖ 8. Chapter 1, §111 shall be amended by the addition of the following sections:
 - 111.5 An appeal shall be heard by a subcommittee of three members of the Board, designated annually by the Board as members of the Appeal Committee. The decision of the Appeal Committee shall be deemed as final agency action for purposes of any grievant seeking judicial review of an adverse decision.
 - 111.6 The Board, upon recommendation of the Appeals Committee or the chief or upon its own motion, may enter into written agreements for enforcement or compliance with the owner, lessee, occupant or authorized agent thereof, of any property, building or structure, or any interested person directly affected by the application of this code. Said agreements may extend the time for compliance with this code, and may contain such terms and conditions that the Board deems appropriate to adequately protect the life, health, property, security and welfare of the general public.
 - 111.7 Persons within the territorial limits of a county or municipality aggrieved under this code may file an appeal with the Board of Appeals of that county or municipality.
 - 111.8 Persons not within the territorial limits of a county or municipality aggrieved under this code may file an appeal with the Board of the West Metro Fire Protection District under Chapter 1, §109 of the International Fire Code.”
- ❖ 9. Chapter 1, §112.4 Violation penalties shall be replaced and amended as follows:

“Persons who shall violate a provision of this code 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 Fire Code Violation. City ordinance and County resolutions shall stipulate what the offense(s) will be. Each day that a violation continues after due notice has been served shall be deemed a separate offense.”

- ❖ 10. Chapter 1, §113.4 Failure to comply shall be replaced and amended as follows:

“Any person who shall continue 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 fee, fine and/or imprisonment up to the maximum specified in §32-1-1001 and §32-1-1002, CRS. City ordinance and County resolutions shall stipulate what the offense(s) will be.”

- ❖ 11. Chapter 1, Add §115 to read as follows: “This Chapter shall be interpreted to be consistent with the provision of §32-1-1002(3), CRS.”
- ❖ 12. Chapter 5, §503.2 Add the sentence: “See Appendix D for further requirements.”
- ❖ 13. Chapter 5, Change §503.2.1 to read: “Fire apparatus access roads and drive aisles shall have an unobstructed width of not less than 24 feet, exclusive of shoulders, except for *approved* security gates in accordance with Section 503.6, Appendix D103.5, and an unobstructed vertical clearance of not less than 13 feet 6 inches.”
- ❖ 14. Chapter 5, §503.2.3 Substitute “paved” for “surfaced”. Add the sentence: “Grass concrete and similar surfaces are not allowed.”
- ❖ 15. Chapter 5, Change §503.2.4 to read “Turning radius. The required turning radius of a fire apparatus access road shall be an inside radius of 27 feet and an outside radius of 54 feet or as determined by the fire code official.”
- ❖ 16. Chapter 5, Change §503.2.8 as follows; “Angles of approach and departure. The angles of approach and departure for fire apparatus access roads shall be no greater than 10% or within the limits established by the fire code official based on the fire district’s apparatus.”
- ❖ 17. Chapter 5, Change §507.5.1.1 “Hydrants for automatic sprinkler systems and standpipe systems. Buildings equipped with a standpipe system installed in accordance with Section 905, and/or an automatic sprinkler system installed in accordance with sections 903.3.1.1 or 903.3.1.2 shall have a fire hydrant a minimum of 50 feet and a maximum of 100 feet from the fire department connection(s) as approved by the fire code official.”
- ❖ 18. Chapter 5, §510.4.1.1 is replaced with: Minimum signal strength into the building: “The minimum inbound signal strength shall be sufficient to provide usable voice communications throughout the coverage area as specified by the fire code official. The inbound signal level shall be a minimum of -85 dBm throughout the coverage area and sufficient to provide not less than a Delivered Audio Quality (DAQ) of 3.0 or an equivalent Signal-to-Interference-Plus-Noise Ratio (SINR) applicable to the technology for either analog or digital signals.”
- ❖ 19. Chapter 5, §510.4.1.2 is replaced with: Minimum signal strength outbound from a building: “The minimum outbound signal strength shall be sufficient to provide usable voice

communications throughout the coverage area as specified by the fire code official. The outbound signal level shall be sufficient to provide not less than a DAQ of 3.0 or minimum signal strength of -90 dBm applicable to the technology for either analog or digital signals.”

- ❖ 20. Chapter 5, §510.4.1.4 Add new subsection: Field strength: “If the field strength OUTSIDE the building where the receiving antenna system for the in-building system is located is less than the (-85 dBm), then the minimum required in-building field strength shall equal the field strength being delivered to the receive antenna of the building.”
- ❖ 21. Chapter 5, §510.5.4 Add to the end of the section: 9. “Prior to testing, the fire agency’s radio technician shall be notified and participate in the testing process to ensure the noise floor of the hosting transmitter site is not impacted by the amplification equipment.”
- ❖ 22. Chapter 9, §901.4.7 is amended to read as follows: 901.4.7 Pump and riser room size. “Where provided, fire pump rooms and automatic sprinkler system riser rooms shall be designed with adequate space for all equipment necessary for the installation, as defined by the manufacturer, with sufficient working space around the stationary equipment. Clearances around equipment to elements of permanent construction, including other installed equipment and appliances, shall be sufficient to allow inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly. Fire pump and automatic sprinkler system riser rooms shall be provided with doors and unobstructed passageways large enough to allow removal of the largest piece of equipment. The room shall provide a minimum of 36 square feet working space around a fire pump or automatic sprinkler system riser.”
- ❖ 23. Chapter 9, 901.6.3.2 is added to read Third party reporting. “The Fire Code Official is authorized to require inspection, testing, and maintenance contractors to utilize third party tracking and reporting of the status of fire protection, fire detection, and life safety systems.”
- ❖ 24. Chapter 9, §903.4.2 Amended as follows: “Alarms. An approved audible/visual appliance, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler water-flow alarm appliances shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.”
- ❖ 25. Chapter 9, Add: §907.6.6.4 Separate panels required. “Fire alarm panels and security alarm panels shall be separate and not combined.”
- ❖ 26. Chapter 53, §5307.3, Add the sentence: “The provisions of this section shall apply to new or existing systems.”
- ❖ 27. Chapter 56, §5601.1 Add the sentence: “This chapter shall be interpreted to be consistent with the provisions of part 20 of article 33.5 of title 24, CRS and any applicable municipal ordinance or county resolution/ordinance, shall govern all fireworks, their sale, storage and use.”
- ❖ 28. Chapter 61, §6109.13 is amended by deleting the exception.

- ❖ 29. Appendix B, Table B105.1(1) The minimum fire-flow shall not be less than 1000 gallons per minute for all fire-flow calculation areas.
- ❖ 30. Appendix B, Table B105.2 is amended to change the minimum fire flow percentage from 25% to 50% of the value in Table B105.1(2) for buildings sprinklered under section 903.3.1.1 and 903.3.1.2 of the International Fire Code.
- ❖ 31. Appendix B, Table B105.2 Footnote “a” is changed to “The reduced fire flow shall not be less than 1,500 gallons per minute.”
- ❖ 32. Appendix D, §D102.1 is replaced by the following: Access and Loading. “Facilities, buildings, or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an *approved* fire apparatus access road with an asphalt, concrete or other *approved* driving surface capable of supporting the imposed loads of fire apparatus weighing at least 85,000 pounds (38,555 kg).” Add “Underground water detention systems are not allowed under fire apparatus access roads.”

SECTION VI: Penalties

- (a) Any owner, lessee, agent, or occupant of any building or premises maintaining any condition likely to cause fire or to constitute an additional fire hazard or any condition which impedes or prevents the egress of persons from such building or premises in violation of the provisions of CRS §32-1-1002(3), shall be deemed to be maintaining a fire hazard. Any person who violates any provision of said Section V, subsection (c) is guilty of a misdemeanor. Each day in which such violation occurs shall constitute a separate violation of CRS §32-1-1002(3).
- (b) The application of the above penalty shall not be construed to prevent the enforced removal or correction of prohibited conditions or other injunctive relief.

SECTION VII: Repeal of Conflicting Ordinances or Resolutions.

All former ordinances or resolutions enacted by the District or parts thereof conflicting or inconsistent with the provisions of this resolution of the Code or standards hereby adopted are hereby repealed.

SECTION VIII: Validity and Conflict.

The Board hereby declares that should any section, paragraph, sentence or word of this resolution or of the code or standards hereby adopted be declared for any reason to be invalid, it is the intent of the Board that it would have passed all other portions of this resolution independent of elimination here from of any such portion as may be declared invalid. It is further the declaration of the Board that no provision of this resolution or the code or standards adopted herein be interpreted in conflict with existing State law. In the event there is conflict between State law and this code, State law shall take precedent.

SECTION IX: Date of Effect.

This resolution shall take effect and be enforced within incorporated municipalities and unincorporated portions of Jefferson County and Douglas County from and after its approval as set forth in CRS §32-1-1002(1)(d).

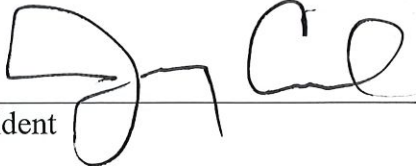
Adopted this 6th day of December, 2022.

West Metro Fire Protection District

ATTEST:

By:

President

A handwritten signature in black ink, appearing to be 'J. Cole', written over a horizontal line.

Secretary

A handwritten signature in blue ink, appearing to be 'D. Walker', written over a horizontal line.