

Ohio Administrative Code (OAC) sections 1301:7-7-01 – 1301:7-7-80
Ohio Fire Code (OFC)
Summary of Significant Changes from 2017 OFC to 2024 OFC
(CSI)

OAC Rule Number	2024 OFC Section	Source of Change ¹	Description of Change
1301:7-7-01 – 1301:7-7-80	Throughout	SFM	In conjunction with directives from the Governor and Lt. Governor, to meet regulatory restriction guidelines, to streamline and condense regulatory provisions, and to coincide with formatting changes made to the Ohio Building Code (OBC), all International Fire Code (IFC) language that was previously copied into the Ohio Fire Code (OFC) and adopted in Ohio as a part of the Ohio Administrative Code (OAC) will now be incorporated by reference only and will not be republished in the text of the OAC.
1301:7-7-01 – 1301:7-7-80	Throughout	SFM / PET	Because the OFC will now only incorporate IFC language by reference and set forth Ohio-specific changes to the IFC language, formatting changes have been made throughout the OFC to the Ohio-ized language to coincide with the format of the IFC. Examples include: • “<i>Rule</i>” becomes “Chapter” • “<i>paragraph</i>” becomes “section” • “<i>per cent</i>” becomes “percent” In addition, the prior numbering system utilized in Ohio is being deleted and Ohio-specific reference formatting is being deleted. Examples include: • “paragraph (C)(11)(5003.11) of rule 1301:7-7-50 of the Administrative Code” becomes “Section 5003.11” • “rule 1301:7-7-56 of the Administrative Code” becomes “Chapter 56” • “NFPA 70 as listed in rule 1301:7-7-80 of the Administrative Code” becomes “NFPA 70” [the specific referenced year/standard listed in Rule 80 is still the standard that is to be used] Note: OAC Chapter reference numbers will still continue to be used for formal citation to the OFC. For example, OAC 1301:7-7-01 will be used to cite to the OFC in citation writing and/or formal references for Chapter 1. A formal citation to OFC Section 101.1 would be OAC 1301:7-7-01 Section 101.1.
1301:7-7-01	101.1.1	SFM / PET	New language to adopt 2021 IFC (Chapters 1-11 and 20-80) and 2024 IFC (Chapter 12) as if fully incorporated except as modified throughout the OFC
	101.2, et. seq.; new: 101.2.3, 101.2.4, 101.2.5	SFM	Scoping provisions have been updated to add more clarity regarding OFC applicability, including clarification regarding OFC applicability to operations of municipal or township fire departments. New language has been added to clarify that the OFC is an independent code and applies independently of other codes and standards in effect in Ohio, to clarify the application of the OFC to unpermitted, unapproved, or unauthorized matters, and to clarify that the OFC as it becomes effective supersedes any/all other fire codes adopted throughout Ohio that conflict with the provisions in the OFC.
	102.1, et. seq.; New: 102.1.4, 102.1.5	SFM; COM	Language regarding the applicability of the OFC have been clarified, including provisions relating to agricultural premises. Clarifying language has been added at new section 102.1.4 to address the application of OFC construction and design provisions. New language has been added at section 102.1.5 to

¹ “2018” = a change made in the 2018 International Fire Code (IFC)

“2021” = a change made in the 2021 IFC

“SFM” = an edit or change made by the SFM outside of the Petition and/or Comment period

“PET” = the change was made pursuant to a Petition

“COM” = the change was made pursuant to a Comment

			clarify the intent of OFC provisions regarding construction, design, maintenance and operation.
	102.3	SFM	New provisions have been added to state that buildings should not be occupied where unpermitted / unapproved work, etc. has been conducted (when permits/approvals are required).
	102.3.3	2018	Change of use or occupancy provisions have been amended to allow for – with the approval of the fire code official – a change in occupancy without compliance with all OFC and OBC regulations where the proposed new use or occupancy is less hazardous.
	103.1	SFM	Provisions have been added to language concerning local fire codes to clarify that even if local codes are adopted, the OFC still applies and is enforceable within that jurisdiction by any individual authorized to enforce the OFC within that jurisdiction.
	104.6.3.1	SFM; PET	Provisions regarding fire reports have been amended to reference coding and procedures prescribed by the SFM rather than NFIRS. Reports are now required to be submitted to the SFFM within 15 days of the end of the calendar month in which the subject incident occurred.
	104.9	SFM	Provisions regarding SFM variance authority has been expounded to state that the SFM may issue a variance in response to natural or other disasters or emergencies or in times of public need.
	104.12.5 (see also 110)	SFM	Provisions have been added to authorize a fire chief or other fire official in charge of an emergency response to order disconnection of utility services in accordance with Sec. 110
	105.4	2021	Construction document provisions moved to Section 106
	105.5.1	2021	New operational permit for additive manufacturing has been added
	105.6.4		Operational permit for CO ₂ beverage dispensing applications has been deleted; see Table 105.5.9
	105.5.14	2021	New operational permit for energy storage systems has been added
	105.5.32	2018	New operational permit for mobile food preparation vehicles has been added
	105.5.38	2018	New operational permit for 'outdoor assembly events' has been added
	105.5.40	2018	New operational permit for plant extraction systems has been added
	105.5.53	SFM	New operational permit for lithium-ion and lithium metal battery storage has been added
	105.6.5	2021	New construction permit for energy storage systems has been added
	105.6.9	2018	New construction permit for fuel cell power systems has been added
	105.6.10	2018	New construction permit for gas detection systems has been added
	105.6.13	2018	New construction permit for specified areas for high-piled combustible storage has been added
	105.6.16	2018	New construction permit for motor vehicle repair rooms and booths has been added
	105.6.17	2018	New construction permit for plant extraction systems has been added
	105.6.21	2018	New construction permit for special event structures has been added
	109.1	SFM	Language regarding maintenance has been amended to clarify that safety features have to be maintained in condition like when new and/or as approved.
	110 (new) (see also 104.12.5)	2018	Provisions have been added to authorize a fire chief or other fire official in charge of an emergency response to order disconnection of utility services to safely execute necessary emergency operations
	112.3.5	SFM	Procedures for serving citations has been amended in accordance with changes to Ohio law.
	114	2021	Unsafe building provisions have been moved from Section 110 to Section 114 and have been amended.
	118.8	SFM	Provisions regarding the "Operation Safe Stay" hotel program have been deleted.
	121; 121.7.3.2; 121.7.3.8 (new)	SFM	Hotel and SRO facility license language has been moved from Section 118 to Section 121 and amended. Specifically, renewal, reactivation and re-application fees have been amended in accordance with changes to Ohio law. Language has been added to provide that hotel licensure applications shall be automatically denied in the event of nonpayment of required fees.
	122	SFM	Provisions regarding the small government fire department services revolving loan program have been clarified and amended.

	123	SFM	Fire department grant language has been clarified and amended.
	124	SFM	Special provisions (formerly in Section 121) have been moved to Section 124.
	125	SFM	Hearing procedures (formerly in Section 122) have been moved to Section 125 and heavily redacted.
	126	SFM	Incident reporting at a shale oil processing premise provisions have been moved from Section 124 to Section 126.
1307:7-7-02	202	2018/2021	New definitions have been added for the following terms (or amended as indicated): 3D printing; Access (to); Active RF-emitting device; Additive manufacturing; Aerosol cooking spray products; Aerosol product; Battery systems and types (heavily amended and reorganized); Capacitor energy storage system; Carbon monoxide alarm; Carbon monoxide detector; Change of occupancy (amended); Chemical fume hood; Critical areas; Current tap; Delivered audio quality (DAQ); Display site (amended); Dust collection system; multiple definitions related to energy storage and storage systems and Fuel cell power systems; Glove box; Higher education laboratory; Historic buildings (amended); Integrated testing; Jurisdiction (amended); Laboratory suite; Life safety systems; Membrane-penetration firestop system; Mobile food preparation vehicles; Open air assembly seating; Opening protective; Outdoor assembly event; Passive RF emitting device; Portable generator; Radio frequency; Ready access (To); Relocatable power tap; Site safety plan (amended); Smoke partition; Smoke-protected assembly seating (amended); Special expert; Spray room (amended); Subordinate (fire protection and life safety system); Tank, motor vehicle fuel; Temporary special event structure; through-penetration firestop system; Umbrella structure.
		2018/2021	The following definitions have been deleted: Aerosol; Continuous gas detection system; Minimum separation distance (quantity-distance definitions); Temporary stage canopy;
		SFM	New definitions have been added for the following terms: Pyrotechnic effect simulation equipment.
		SFM; PET; COM	The following terms have been amended (or deleted if indicated): Construction documents; Discharge site; Fire lane; Flame effect; Flame effects exhibition; Licensed exhibitor of flame effects; Mobile food unit (deleted; see new term "Mobile food preparation vehicles"); Occupancy classification (heavily amended in accordance with OBC updates and Comment received); Temporary residence.
1301:7-7-03	304.1.3.1	2018	Language regarding spaces underneath grandstands modified/added.
	310.2; 310.2.1	2021	Exception has been added to smoking prohibition to all for smoking in Group I-2 occupancies in designated patient care areas based on clinical needs of patients; smoking prohibited in patient care areas where oxygen is used, stored, handled.
	314.4	2018	Indoor display language regarding vehicles revised to clarify it applies to both liquid-fueled vehicles and gaseous-fueled vehicles. Additionally, it has been modified to allow the fire code official the ability to determine the best method of safeguarding the vehicle regarding the battery and electrical system.
	315.1, 315.7, 105.6.29	2018	Requirements are added to the code for height limitation and separation to buildings and property lines for the outdoor storage of idle pallets constructed of wood or plastic. See also Significant Change to Section 2810 for pallet storage at pallet recycling and manufacturing facilities.
	315.3.1	2018	Exceptions have been added which allow an increase in the height of storage along walls in sprinklered and nonsprinklered buildings.
	319 et, seq.; 391.4.1 ; 319.4.2.1; 319.8.2.1; 319.11; 319.12; 319.14	2018	New language added addressing "mobile food preparation vehicles". Prior OFC language contained in Section 320 has been deleted and incorporated into the new IFC language now in Section 319. Ohio changes to the IFC language include, but are not limited to: grandfathering and date restriction language for automatic fire extinguishing systems (see Sec. 319.4.1); portable fire extinguishers required (see Sec. 319.4.2.1); 30" clearance required for rear mounted tanks (see Sec. 319.8.2.1); CO detection required (see Sec. 319.11); 2 means of egress

			required (see Sec. 319.12); emergency shut off controls and signage (see Sec. 319.14).
	319.4.1	SFM/COM	Language added to extend date by which mobile food preparation vehicles must comply with hood suppression requirements.
	320, 202 (new)	2021	Requirements for 3D printing operations are added to the code.
	321, 321.1 (new)	2021	Artificial combustible vegetation is regulated when it is located on a roof or within close proximity to a building.
	323	SFM	Provisions are added to the code to address lithium-ion and lithium metal batteries and their storage, and micromobility devices.
1301:7-7-04	403	2021	Emergency evacuation plans amended.
	403.10.5	2018	Approved fire safety and evacuation plan is required for buildings with high-piled combustible storage in specific circumstances
	403.11.3 / 404.11.3.1	2018	The threshold for crowd managers dropped from 1,000 to 500 people for certain events.
	404.2.3 et seq (new)	2018	Updated and prescribes details for facility lockdown plans.
	405.1, 405.2 (New), Table 405.3, 405.5	2021	The frequency of training and participation in fire drills and evacuation drills are revised. The use of defend-in-place or staged evacuation strategies are included with specific criteria for each. Lockdown drills are not a substitute for required fire and evacuation drills.
	408.2.4	SFM	"Tornado season" now defined as first day of March to last day of July; drills are required in each month of tornado season; exception added for March tornado drill for schools that participate in Ohio EMA drill conducted in March.
1307:7-7-05	503.2.3	PET	Fire apparatus access road surface language amended to require fire code official approval.
	507.5.7	SFM	Fire hydrants must be colored in a manner approved by fire code official.
	508.1, 508.1.1, 508.1.3, 508.1.7 (New)	2021	A fire command center is required in large buildings classified as Group F-1 and S-1 occupancies.
	510	2018	Requirements for emergency responder radio coverage have been revised to address industry and equipment enhancements with a new reference to NFPA 1221.
	510.1	SFM/COM	Exception added to emergency responder communication coverage requirements for smaller buildings.
	510.4.1, 510.4.1.1, 202	2021	The testing criteria for in-building 2-way emergency responder coverage systems is enhanced by requiring 99 percent coverage in critical areas and by adding a second test criteria for inbound signals.
	510.4, 510.4.2.4, 510.4.2.5, 510.4.2.8, 510.5.1 (New), 510.5.4	2021	Revisions address potential sources of radio interference to in-building 2-way emergency responder communication coverage systems.
1307:7-7-06		2018	Emergency and Standby power system language (prior Sec. 604) moved to new Chapter 12; solar photovoltaic power system language (prior Sec. 605.1.1) moved to new Chapter 12; stationary storage battery systems (prior Sec. 608) moved to new Chapter 12. Balance of chapter reorganized.
	604.4	2021	Working space dimensions around electrical equipment are revised to correlate with NFPA 70.
	604.5.1, 604.5.3, 604.7	2021	Storage is prohibited in elevator lobbies, elevator cars and elevator machine rooms.
	605.1, 605.4, 605.4.1.1 (New), 605.4.2.1 (New), 605.4.2.2	2018/2021	Fuel oil storage allowances have been revised to clarify applicability to internal combustion engines, such as generators and fire pumps. Fuel oil storage is increased to 1,320 gallons if the building is sprinklered and the tank is listed to UL 142. Requirements for fuel-oil tanks are enhanced with specific standards for tank design, a correlating reference to the mechanical code and additional protection when tanks in a building exceed 660 gallons.
	607.3	2018	Listing and capacity requirements added for cooking oil storage.

	608.1.1, 608.1.2	2018	New language added to distinguish between refrigerants other than ammonia and ammonia refrigeration.
	608.18, 608.14, 608.17	2018	New requirements regarding safety concerns for lower flammability refrigerant gases.
	610 (new)	2021	Provisions are added to ensure clothes dryer lint traps and exhaust ducts are cleaned and maintained properly.
1307:7-7-07	701.6	2021	Owner inspections are required annually for fire-resistance-rated protection of mass timber construction.
	703.2, 704.2 (new)	2021	Specific requirements have been added to the code for repair or replacement of penetrations, joints and voids in fire-resistance-rated construction.
	705	2018	Provisions regarding door and window openings has been added.
	706	2018	Provisions regarding duct and air transfer openings has been added.
	707	2018	Provisions regarding concealed spaces has been added.
	708	2021	Provisions regarding maintenance requirements for spray fire-resistant materials and intumescent fire-resistant materials has been added.
1307:7-7-08	807.1, 807.2, 807.4, 807.5	2018	The limitations on decorative combustible materials are clarified as to where they apply.
	808.5	2021	Play structures added to existing buildings must comply with requirements in the building code.
1307:7-7-09	202 (New), 901.1, 901.2, 901.2.1, 901.4, 901.4.1, 901.4.3 (New), 901.4.5, 901.6	2021	A definition for life safety systems is added and sections modified to address provisions in Chapter 9 that address life safety systems in addition to fire protection systems.
	901.4.7.1, 901.4.7.2, 901.4.7.3, 901.4.7.4	2018	Additional requirements have been added for automatic sprinkler system riser rooms and fire pump rooms.
	901.6.2 (new)	2018	Test criteria has been added to the code with a reference to NFPA 4 to ensure that where multiple fire protection systems or life safety systems are integrated, the acceptance process and subsequent testing must evaluate all of the integrated systems as a whole.
	901.8.2	2018	Provisions regarding code official authorization to allow removal of occupant-use hose lines have been amended.
	903.2.1	2018	Requirements for fire sprinkler protection in Group A occupancies clarified
	903.2.3	2018	Occupant load threshold for automatic sprinkler system requirements in Group E occupancies provided.
	903.2.4.2 (New), 903.2.9.3 (New)	2021	Fire areas containing Group F-1 occupancies used for the manufacturing of distilled spirits or Group S-1 occupancies used for the storage of distilled spirits or wine are required to be equipped with an automatic sprinkler system.
	903.2.4, 903.2.4.3 (New), 903.2.7, 903.2.7.2 (New), 903.2.9, 903.2.9.4 (New)	2021	Requirements for the installation of an automatic sprinkler system in facilities manufacturing, storing or selling upholstered furniture and mattresses have been revised.
	903.2.10, 903.2.11.3	2021	Open parking garages are required to be equipped with an automatic sprinkler system when the fire area exceeds 48,000 square feet.
	903.2.10.2	2021	Mechanical-access enclosed parking garages require an automatic sprinkler system (and are defined in the building code).
	903.3.1.1.2	2018	Fire sprinkler requirements from small bathrooms in Group R-4 occupancies removed.
	903.3.1.2	2021	The allowable use of NFPA 13R sprinkler systems in Group R occupancies is reduced, especially those built with the podium concept, to increase fire protection in these buildings.
	903.3.1.2.1	2018	Language amended to correlate automatic sprinkler system requirements in Chapter 9 with OBC Chapter 7 for exterior balconies of Group R occupancies.

	903.3.1.2.2	2021	Modifies requirements regarding NFPA 13R applicability and specifies that sprinklers are required to protect corridors and egress balconies that are not adequately open to the exterior to provide for heat and smoke to escape.
	903.3.1.2.3 (new)	2018	Sprinkler protection of acceptable alternative methods for the protection of attics are now addressed for mid-rise buildings housing multifamily occupancies and equipped with an NFPA 13R sprinkler system.
	903.3.3	2018	The code now directs the user to the sprinkler design standard to address sprinkler obstructions.
	903.4	PET	New language allowing remote valves in secured, unoccupied pits or vaults to be locked in the open position
	904.3.5	PET	New signage requirement for audible alarms or visual indicator where a fire alarm system is not installed.
	904.13	2018	The installation of fire-extinguishing systems as protection for commercial cooking operations must now comply with NFPA 96. In addition, commercial cooking systems are now permitted to be protected with a water mist fire-extinguishing system.
	904.14	2018	Requires an automatic fire-extinguishing system to protect domestic cooking appliances in care facilities.
	905.3.1	2018 /	Standpipe systems are now required in buildings four or more stories in height. In addition, a Class I standpipe is allowed in Group B and Group E occupancies rather than a Class III. Class I manual standpipes are allowed in open parking garages where the highest floor is more than 150' above the lowest level of fire department vehicle access. Class I manual dry standpipes are allowed in open parking garages not subject to freezing temperatures if hose connections are located as required for Class II standpipes.
	905.4	2018	Allows a modification of hose connection locations for Class I standpipes serving open stairways.
	905.11	2018	Revision authorizes the code official to require locking caps on dry standpipe hose connection outlets.
	906.1	2018 / 2021	Provides schools options for fire extinguisher placement. Portable fire extinguishers can be provided on vehicles in lieu of fixed installation in the building for certain Group S and Group U occupancies.
	906.1	PET	Group S occupancy portable fire extinguisher requirements amended.
	907.1.2	2018	Requirements for fire alarm plans and documentation modified to align with NFPA 72.
	907.2.1	2018	A new fire alarm threshold has been added for Group A occupancies where an occupant load of 100 or more is located on a level other than the level of exit discharge.
	907.2.10 (deleted)	2018	Fire alarm systems are no longer required in Group R-4 occupancies.
	907.2.10 (New)	2021	A manual fire alarm system is required in self-storage facilities which are three stories or more and have interior corridors.
	907.4, 907.5, 907.5.1 (New), 907.5.2.1.3 (New), 907.5.2.1.3.1 (New), 907.5.2.1.3.2 (New)	2021	Audible fire alarm notification with a 520 Hz low frequency signal is designed to enhance the waking effectiveness of high-risk segments of the population and is required in Group R-1 and R-2 occupancies when a fire alarm system is required.
	907.5.2.1.2	2021	The threshold for elimination of audible notification appliances has increased from 95 to 105 dBA.
	907.5.2.2.3	SFM/PET	Provisions added to allow emergency voice/alarm communication systems to allow certain alarm messaging to take priority over fire alarm messaging in certain buildings equipped throughout with an automatic sprinkler system and under specified conditions and circumstances.
	907.5.2.2.4	2018	Large public venues are required to provide real-time captions that are integrated with the emergency voice/alarm communication system.
	907.5.2.2.5, 1203.2.4	2021	A standby power supply can now be used for emergency voice/alarm communication systems.

	907.5.2.3.3, 907.5.2.3.3.1 (New)	2021	The code specifies three options designing a fire alarm system in Group R-2 occupancies to allow for the future addition of visible notification appliances.
	907.6.6.1, 907.6.6.2 (New)	2021	Fire alarm monitoring must be in accordance with NFPA 72 and must go through a human interface prior to alarms being transmitted to the emergency dispatch center.
	907.6.6.1.1, 907.7.4	SFM	Transmission of signal information must be transmitted to the dispatch center in a manner approved by the FCO (in manner compatible with the 911 center) and method of transmission of signal cannot be modified after acceptance testing without permission from AHJ.
	908.3 (new)	2021	When the emergency alarm system is interfaced with the fire alarm control unit, the fire alarm control unit shall respond with a supervisory signal.
	909.17	2021	The time for a smoke control system to achieve full operation is limited to 90 seconds.
	909.20	2021	Section added to address construction requirements for smokeproof enclosures.
	910.3.4 (New), 910.3.5 (New)	2021	Smoke and heat vents must have a manual release in addition to an automatic release. If the automatic release is a fusible link, a minimum operating temperature is now specified.
	910.5	2018	Maintenance and testing frequencies for smoke and heat vents and mechanical smoke removal are specified in the code.
	912.2	PET	Fire department connection location requirements amended.
	913.1	2021	Pumps for fire sprinkler systems designed in accordance with the residential code or NFPA 13D are not required to comply with NFPA 20.
	913.2.2	2021	Conductors powering a fire pump can be covered with a minimum of 2 inches of concrete to provide the required fire-resistance-rated protection.
	914.3.1.2	2021	Redundant water supply connections are required for fire pumps in high-rise buildings over 120 feet in height when constructed of Type IVA or IVB construction.
	914.7, 914.7.1, 914.7.2, 202	2021	Specific provisions are added to the code to address puzzle rooms.
	916 (new)	2018	Section added to clarify and consolidate requirements for gas detection systems.
	917	2018	Section added to address mass notification systems on certain college and university campuses.
	918, 918.4.1.1,	SFM	Fire protection and fire-fighting equipment certification provisions amended to provide for reciprocal licenses in accordance with R.C. 4796, to provide notification to SFM of company name changes, to address application submitted without payment or a form of payment that is non-sufficient,
1307:7-7-10	Table 1004.5, 1004.8	2018	The method of calculating occupant load in business areas is revised, which allows for larger occupant loads.
	1006.2.1	2018	Determination of cumulative occupant loads is clarified and correlated with other code requirements.
	1006.2.2.6, Table 1006.2.1, 1017.2 (new)	2018	Exit access travel distances are provided for Groups R-3 and R-4 when sprinklered with NFPA 13D sprinkler systems.
	1006.3, 1006.3.1, 1006.3.2, 1017.3.2.3	2018 / 2021	Language regarding how to determine egress requirements when occupants travel to an adjacent story to reach the exit has been clarified. Language has been amended to clarify that egress requirements are determined for each story or occupied roof level, and allows the path egress to traverse more than one story within an atrium.
	1006.3.2, Exception 7; 1006.3, 1006.3.1	2021	Egress travel on exit access stairways and ramps that are exterior to the building and connecting occupied roofs are allowed to traverse more than one story.
	1006.3.4, Table 1006.3.4(1), Table 1006.3.4(2)	2021	When dealing with buildings or stories provided with only one exit or access to one exit, the travel distance requirement has been revised to now measure the exit access travel distance as opposed to the common path of egress travel.
	1008.2.3	2018	Illumination of exit discharge can now terminate at a safe dispersal area.
	1008.3.5, 1008.2.2	2018	Emergency egress lighting in Group I-2 must meet minimum illumination levels even when one lamp fails in a single luminaire.

	1009.2.1	2021	Requirement added for an elevator to serve occupied roofs when the roof level is essentially the fourth story above the level of exit discharge.
	1009.7.2	2018	The 1-hour fire-resistance-rated separation between an exterior of assisted rescue and the building is not required if the building is protected with an automatic sprinkler system designed to NFPA 13 or 13R.
	1010.1.1	2021	The width for a swinging door is no longer limited to 48 inches and a consolidated exception allows for reduced size doors for single user showers, saunas, toilet compartments, dressing, fitting or changing rooms.
	1010.2.4	2021	Additional exceptions have been added into the general locking section to allow locked doors in the egress system when needed for either the clinical needs of care recipients or where exterior areas egress back into the building.
	1010.2.7	2018	The limitation is removed which prohibited locking doors on the stairway side when the stairway was more than four stories, but less than a high-rise.
	1010.2.8, 1010.2.8.1, 1031.2.2	2021	Exit door locks for protection from intruders are allowed in Group E occupancies, Group B educational occupancies and Group I-4 occupancies. When remote operation is provided, the door must still be unlockable from outside the room.
	1010.2.9	2018	Sensor release of electrically locked doors is now allowed on egress doors in Groups A and E. Also, the section is clarified to state that panic hardware or fire exit hardware is only required on swinging doors.
	1010.2.9, 1010.2.9.1, 1010.2.9.2	2021	Panic or fire exit hardware is now required in electrical rooms with equipment greater than 800 amperes rather than 1,200 amperes, and in refrigeration machinery rooms exceeding than 1,000 square feet.
	1010.2.11, 1010.2.12	2018	Criteria for electrically locked egress doors have been clarified and correlated.
	1010.2.13	2018	Additional occupancies are allowed to install delayed egress, including small Group E occupancies and Group A courtrooms.
	1010.5.2 (new)	2018	New section allows security turnstiles, or similar barriers, in the means of egress path.
	1011.6	2018	The method of determining the required width and depth of a stairway landing is clarified.
	1013.2	2018	The location of low-level exit signs can now be 18 inches above the floor.
	1015.6, 1015.7	2018	The specific criteria in the code on fall arrest systems is removed and the ANSI/ASSE Z395.1 standard now governs the installation.
	1017.3	2018	Common path of egress travel must be applied to each room or space on every story.
	1020.5	2021	In hospitals, dead-end corridors are now allowed a maximum length of 30 feet where they do not serve patient rooms or treatment spaces.
	1023.3.1	2018	Fire-resistance-rated separation is not required between an interior exit stairway and exit passageways if stairway pressurization is provided.
	1023.5, 1024.6	2018	Security system and two-way communication system components are allowed to penetrate the fire-resistant-rated enclosure of exit passageways and interior exit stairways and ramps.
	1025.1	2018	Luminous egress path marking is no longer required in high-rise buildings classified as Groups I-2, I-3, and I-4.
	1026.4, 1026.4.1	2018	Guidance is provided to allow enhanced security measures yet still meet egress requirements on classroom doors.
	1030.1.2.1 (new)	2018	Fall prevention devices are allowed on emergency escape and rescue openings provided that they comply with ASTM F2090.
	1030.6, 1030.6.3, 1030.7	2018	A new term and definition is added for open-air assembly seating.
	1030.9.1	2018	Minimum aisle widths in assembly occupancies are clarified with a reference added for minimum widths for accessible routes.
	1030.16, 1030.16.1	2021	Provides guidance to address handrails on stepped aisles, often called "social stairs," which are somewhere between general stairway provisions and assembly seating provisions.
	1031.1	2018	Emergency escape and rescue openings are required in Groups R-3 and R-4, and Group R-2 provided with only one means of egress from a story. Also, it is possible to eliminate some, or all, emergency escape and rescue openings from a sprinklered basement.

	1032.2.2 (new)	2018	Guidance is provided to allow enhanced security measures yet still meet egress requirements on classroom doors.
	1032.4	2018	The application of exit sign requirements in existing buildings has been clarified for both installation and maintenance.
	1032.10	2018	Inspection and testing requirements for emergency egress lighting are relocated to Chapter 10 and revised to allow self-diagnostics.
1307:7-7-11	1101.1, 1103.11, 1103.11.1	SFM	New provisions regarding identification of existing structures with solar photovoltaic power systems apply to existing buildings if required by the FCO.
	1103.5.1 (new)	2018	New section requires a fire sprinkler system in existing Group A-2 occupancies where alcoholic beverages are consumed if the occupant load is 300 or more.
	1103.5.4	2021	Unsprinklered high-rise buildings must either install an automatic sprinkler system or meet specific egress and fire alarm criteria.
	1103.7.5.1	2021	The requirements for retrofitting a fire alarm system in existing hotels and motels is reformatted and a new requirement for retrofitting unsprinklered single story hotels and motels is added.
	1103.9	2021	Carbon monoxide detection is required in existing Group I-1, I-3, I-4 and R occupancies and in existing classrooms in Group E.
	1104.16.2	2018	Door and window openings within 10 feet of a fire escape must be protected with ¾-hour opening protectives unless the building is sprinklered.
	1105.6.3 (new)	2018	Fire-protection-rated doors in existing Group I-2 occupancies have three options for automatic closing operations.
1307:7-7-12	2024 IFC Chapter 12 (new)	2018	New chapter/ language added from the 2024 IFC to address all configurations of energy systems. This chapter contains the emergency power, standby power, and stationary battery storage system requirements previously contained in Chapter 6 along with new requirements for other methods of energy generation and storage.
	1203.1.2	2021	Several options are provided for protecting the fuel line supplying emergency and standby generators.
	1204	2021	Portable generators are now regulated and safety issues are addressed.
	1207	2021	The requirements for energy storage systems have been reformatted and revised to better address this growing and changing technology.
1307:7-7-22	Throughout	2018	Reference to the new NFPA 652, “ <i>Standard on the Fundamentals of Combustible Dust</i> ,” is added to provide guidance and criteria when evaluating combustible dust hazards.
	Throughout	2021	Revised to include criteria for mitigating the accumulation of combustible dust and control of ignition sources and provide guidance for fire code inspector.
1307:7-7-23	2303.2.1 (new)	2018	Specific height limitations added for emergency disconnect switches for fuel dispensing operations.
	2304.2.6; 2305.6	PET	Provisions updated to prohibit vaping while flammable or combustible liquids are being dispensed; language required on warning signs located at gasoline pump islands updated to require “No Vaping” language.
	2305.6	SFM/COM	Date amended (extended) regarding dispenser signage requirements.
	2306.7.3.1 (new)	2018	Language added to give fire code official authority to require additional vehicle impact protection at fuel dispensing facilities.
	2306.7.4.1	SFM	Language added to prohibit tank systems regulated under 1301:7-9 of the OAC from manifold of existing product piping in specified circumstances.
	2308.1, 2308.2, 2308.2.3, 2308.2.4	2021	Vehicle fueling with compressed natural gas (CNG), previously allowed at only residential occupancies, is now allowed at other occupancies.
	2309.6, 2309.6.1	2018	The requirements for repairing vehicles fueled by compressed or liquefied hydrogen gas have been updated to address current technologies and processes.
	2311.6 et seq (new)	2018	The requirements for repairing vehicles fueled by compressed or liquefied natural gas have been updated to address current technologies and processes.
	2311.8	2021	Requirements for repair of lighter-than-air fueled vehicles are clarified and expanded to ensure safe operations in repair garages.

1307:7-7-24	2403.2.1.3	2018	The size of the classified area around spray booth openings is reduced to 3 feet.
	2404.2, 2404.3.1, 914.9	2018	Requirements for spray booths and spray operations are correlated between the fire code and building code.
	2404.3.3.6	2021	Spray booths are no longer restricted to a maximum size of 1,500 square feet.
1307:7-7-27	Table 2704.2.2.1	2021	The quantity of water-reactive Class 3 solid materials in a fabrication area has been increased with a new limit on maximum quantity per tool.
1307:7-7-28	2808.3, 2808.3.1, 2808.4	2021	Requirements for a fire protection plan are expanded including an increase in the separation distance between piles or stacks.
	2810 (new)	2018	New section adds criteria for outdoor pallet storage at pallet manufacturing facilities and pallet recycling facilities. It provides specific height limits and separation to property lines and buildings, but also allows for distances to be modified where additional fire protection features are provided.
1307:7-7-31	Throughout	2018	A new definition is added for umbrella structures which results in regulation of umbrella structures when they exceed 400 sq. ft.
	3103.3.1 (new)	2018	Special amusement buildings located in temporary tents are required to be equipped with an automatic sprinkler system.
	3103.6, 3103.9	2018	Temporary tents and membrane structures are required to provide construction documents which address their structural stability and load carrying capacity. Larger tents and membrane structures have been added to the list of temporary facilities which must comply.
	3104.2 (new)	2018	The application of testing criteria for flame spread of tent and membrane structures has been clarified.
	3105, 105.6.47, 105.7.22	2018	The requirements for temporary stage structures are expanded to include all temporary structures greater than 400 square feet when used at special events.
	3106 (new)	2018	New section adds requirements specific to outdoor public gatherings and improves correlation of fire and building code requirements.
	3107.13	2018	Requirements for the use and separation of LP-gas containers in and around tents and membrane structures have been revised.
1307:7-7-32	Throughout	2018	Chapter was updated to correlate with current NFPA 13 requirements and recent FM Global fire tests.
	3203 et. seq.	2018	Class commodity examples moved from list format to Table 3203.8.
	Table 3203.8	2021	High-piled storage of lithium-ion batteries is considered a high-hazard commodity.
	3205.5	2021	Limited displays are allowed within aisles if the sprinkler system meets the design criteria and egress is still available.
	3209.4, 3209.4.1 (New), 3209.4.2 (New)	2021	Automatic shutdown of automated rack storage is required when high-piled storage area exceeds 500 square feet.
1307:7-7-33	3303.3, 3303.3.1	2021	New provisions for buildings under construction require daily fire safety inspections by the site safety director.
	3303.5	2021	Passive fire safety requirements added during construction of buildings of construction Types IV-A, IV-B and IV-C.
	3305.5	2018	Criteria for requiring fire watch has been added to the code along with clarification to the functions and duties of the fire watch personnel.
	3305.5.1	2021	Requirements are added for fire watch during non-working hours at building construction sites.
	3305.9	2021	In Type I and II buildings, barriers installed to separate construction areas from the remainder of a building must be noncombustible, flame retardant or have a limited heat release rate.
	3313 (new)	2021	New requirements for minimum water supply during construction specify minimum fire flow and distance from the structure.

1307:7-7-38	Chapter 38 (new)	2018	New chapter added to specifically regulate college and university laboratories. Correlating sections have also been added to the building code.
	3805.2.1, 3805.4, Table 3805.4	2021	The limitation on use and storage of oxidizer Class 4 and pyrophoric materials is reinforced and Table 3805.4 is correlated with the text.
1307:7-7-39	3904.2, 3904.2.1 (New), 3904.2.2 (New)	2021	New standard - UL 1389 - is referenced for listing and labeling of extraction equipment
1307:7-7-40	Chapter 40 (New), 903.2.4.2 (New), 903.2.9.3 (New), OBC 307.1.1	2021	New chapter added to address storage of distilled spirits and wines in barrels and casks.
	4003.1	PET; COM	Containment volume provided; exceptions added for certain locations.
	4005.1	COM	Exception added to prohibition against storing combustible materials in bulk beverage storage areas for certain specified locations.
	4007	COM	New language added allowing public access to distillery locations under certain specified conditions.
1307:7-7-50	5001.1, 5701.2, 202	2021	Exceptions to Chapters 50 and 57 are correlated to eliminate confusion and misapplication.
	Table 5003.1.1(1)	PET	MAQs per control area of hazardous materials posing a physical hazard have been amended to allow increased amounts of A2L refrigerants.
	Table 5003.1.1(3)	PET	MAQs per control area of hazardous materials posing a physical hazard in an outdoor control area have been amended to allow increased amounts of A2L refrigerants.
	5003.8.3.3	2021	Portions of buildings separated by fire walls can be treated as separate buildings when evaluating control areas.
	5003.8.3.4	2018	The fire-resistance rating of the floor of a control area in a Type IV building is allowed to be reduced to 1-hour if the building is sprinklered and does not exceed three stories in height.
	Table 5003.11.1, 6303.1.1.2	2018	The maximum allowable quantity for Class 3 oxidizers is increased by about 10 percent in control areas and Groups M and S occupancies.
	Table 5003.11.1	2021	The maximum allowable quantity of solid toxic material can be increased in retail and storage facilities if the toxic classification is based solely on the LC50.
	5003.12, 5004.14 (New), 5005.3.3, 5005.4.3	2021	Requirements for outdoor control area for hazardous materials have been correlated and clarified.
	5005.1.12	2018	Requirements for leak detection and emergency shutoff for high hazard gases and liquids only apply when the maximum allowable quantity per control area is exceeded.
1307:7-7-51	5103.2, 5104.1.2	2018	Limitations on aerosol products in plastic containers are revised and the use of Plastic Aerosol X products is prohibited in higher life hazard occupancies.
	5103.2.2, 5104.2.2, 5104.3.3, 5104.8, 5106.2.2 (new)	2018	Specific fire protection requirements are added to address aerosol cooking spray products.
1307:7-7-53	5306.1, 5306.2	2018	Requirements for construction and ventilation of interior medical gas rooms and gas cabinets have been revised.
	5307.1, 5307.3	2018	Requirements for liquefied CO ₂ in beverage dispensing applications have been correlated with requirements for gas detection systems.
	5307.4 (new)	2018	Carbon dioxide enrichment systems are now regulated by the fire code when the system contains more than 100 pounds of CO ₂ , or when the refill connection is remote from the tank or vessel.
1307:7-7-56	5606.1, 5606.6	2021	Requirements have been added to the code for ammunition reloading in commercial operations.

	5601.2.6, 5615.6, 5615.7, 5616.2.7, 5618.2, 5619.4.3.1, 5619.7.1, 5619.10.1.2, 5619.10.3.4, 5624.1.5	SFM; SFM/COM	Updates made to background check standards for all types of fireworks licenses as required by HB 263 (134 th GA) and described in R.C. 9.79, which establishes limitations on agency authority to deny certain licenses due to prior convictions; language amended to address convictions in other countries.
	5603.3	SFM	Clarifications made to provisions regarding reporting requirements for theft or loss or fireworks, including fountain devices.
	5603.4, 5608.9.2	SFM	Clarifications made to provisions regarding reporting requirements for fireworks incidents as established in R.C. 3743.541.
	5604.6	SFM/PET	New language added to require grounding for outdoor magazines; exception added for Type III portable day boxes.
	5608.10.2	SFM	Clarifications made to provisions regarding limitations on unlicensed, unregistered, or unpermitted persons to handle fireworks at an exhibition site.
	5611.3, 5611.5, 5611.9, 5619.4.1.3, 5619.6.3, 5619.8	PET	Provisions regarding fireworks exhibitors have been amended to clarify application of OFC provisions.
	5612.3.5	SFM	Authorizes virtual fireworks related continuing education classes.
	5614.1.3	SFM	Clarifications made to provisions regarding basic licensure requirements for fireworks related activities by out of state residents acquiring fireworks while in Ohio.
	5614.1.3.3	SFM	Clarifications made to provisions regarding basic licensure requirements for fireworks related activities by Ohio residents acquiring fireworks while in Ohio.
	5614.1.3.5.3	SFM	Clarifications made to provisions regarding that 1.3G/exhibition fireworks possessed in Ohio by exhibitors must be as described in the authorizing permit.
	5614.4	SFM	Clarifications made to provisions regarding baseline rules for fireworks in Ohio.
	5614.1.4.3, 5619.4.1.1.3	SFM	Establishing, consistent with NFPA standards, that "pyrotechnic effect simulation equipment" (i.e., " <i>cold spark machines</i> ") may only be used by a Licensed Exhibitor of Fireworks (Type I).
	5615.1.1	SFM	Methods that fireworks license application fees can be submitted to the SFM have been updated.
	5619.1.2	SFM	Establishing fireworks licensure reciprocity requirements as required by SB 131 (134 th GA).
	5619.4.2, 5619.4.3, 5619.4.4	SFM / PET	Update provisions regarding fireworks exhibitor licensing including renewal applications, processing, denial and revocation of such licenses, and notification requirements incumbent on licensees
	5619.8.4	SFM	Allows fire officials to participate in fireworks related licensure exam processes for training purposes.
	5620.1, 5620.1.3	SFM	Clarify application of OFC to fireworks structures and that all fireworks showroom construction requirements apply to all showrooms, even if such locations are claimed to also be used for agricultural purposes.
	5620.8	SFM	Clarifying baseline occupancy requirements for fireworks showrooms.
	5623.1.9	SFM	Replacement of requirement that building code official must sign retail showroom waiver of hours form with notification (only) requirement.
	5626.3.3	SFM	Clarifying that 1.4G fireworks shows conducted for profit require exhibitor licensure and a permit.
	5624.4.4	SFM	Establishing long term consumer fireworks storage requirements for fireworks purchased per R.C. 3743.45.
	5626.5.6	SFM	Clarifying that 1.4G/consumer fireworks discharges must follow federal, state and local laws, including zoning.
	5626.5.7.2	SFM	Clarifying separation distances for discharge of ground-based consumer fireworks.
	5627.2.2	SFM	Establish that fountain device retailers that would otherwise meet the definition of an NFPA 1124 (2006 Ed) "CFRS facility" (and would have to follow additional construction requirements because such locations primarily sell fountain devices instead of other items) can be considered as a "store" under NFPA 1124 (2006 Ed) under certain circumstances.

	5627.6	SFM	Clarify baseline fountain device retailer licensure requirements that a retailer must own or control the structure where fountains are sold under its license.
	5627.6	PET	Fountain device retailer ownership / control provisions amended to allow retailers who own more than five locations to submit a certification of ownership or control for all of their locations.
	5627.8.1	PET	New language added to allow trained fountain device retailer employees to train other employees of that same retailer.
	5627.9.1	PET	Language amended to allow fountain device displays to be located twenty - five feet from other such displays and from other highly flammable materials.
1307:7-7-57	5701.2	SFM	New language has been added to clarify OFC application to underground storage tanks / tank systems.
	5704.1; 4007	PET; COM	Prohibition against public access to areas that have aboveground tank storage of flammable and combustible liquids has been amended regarding distillery locations.
	5704.1.2; 4007	PET; COM	Provisions requiring the storage, dispensing, use and handling of flammable and combustible liquids to be secured against unauthorized entry and safeguarded against public access amended regarding distillery locations.
	5707 (new)	2018	On-demand mobile fueling is allowed but cannot be conducted without a permit if a permit is required pursuant to Chapter 1; FCO may designate specific areas in which on-demand mobile fueling can occur. If such designation has been made such fueling cannot occur outside of such area.
	5707.1, 5707.2, 5707.2.1, 5707.2.2	2021	On-demand mobile fueling operation language amended to identify fueling vehicles as one of three classifications based on the quantity of fuel carried.
1307:7-7-61	Table 6104.3	2018	New Footnote g specifies separations between above-ground LP-gas containers and public ways.
1307:7-7-63	6303.1.4, Table 6303.1.4, Table 6304.1.5(1), Table 6304.1.5(2)	2021	Requirements for oxidizer storage configurations have been correlated and revised.