202 COMMERCIAL COOKING APPLIANCES

Errata IFC Chapter 2

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 202 COMMERCIAL COOKING APPLIANCES

Posted: January 29, 2021

Correction:

[M]COMMERCIAL COOKING APPLIANCES. Appliances used in a commercial food service establishment for heating or cooking food ~~and which produce grease vapors, steam, fumes, smoke or odors that are required to be removed through a local exhaust ventilation system. Such appliances include deep fat fryers, upright broilers, griddles, broilers, steam-jacketed kettles, hot-top ranges, under-fired broilers (charbroilers), ovens, barbecues, rotisseries, and similar appliances.~~ For the purpose of this definition, a commercial food service establishment ~~shall include any building~~ is where food is prepared for sale or is prepared on a ~~portion thereof used for the preparation~~ scale that is by volume and ~~serving~~ frequency not representative of domestic household cooking ~~food~~.

202 SMOKE COMPARTMENT

Errata IFC Chapter 2

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 202 SMOKE COMPARTMENT

Posted: January 29, 2021

Correction:

[BG]SMOKE COMPARTMENT. A space within a building separated from other interior areas of the building ~~enclosed~~ by *smoke barriers* ~~on all sides,~~ including interior walls and *horizontal assemblies* ~~the top and bottom~~.

315.3.3

Errata IFC Chapter 3

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Sections: 315.3.3
Posted: November 1, 2021

Correction:

315.3.3 Equipment rooms. Combustible material shall not be stored in boiler rooms, mechanical rooms, elevator machine rooms, electrical equipment rooms or in *fire command centers* as specified in Section 508.1.5.

317.1

Errata IFC Chapter 3

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: 317.1
Posted: June 15, 2021

Correction:

317.1General. Landscaped roofs shall be installed and maintained in accordance with Sections 317.2 through 317.5 and Sections 1505 and- 1507.15 ~~1507.16~~ of the *International Building Code*.

Table 403.7.2

Errata IFC Chapter 4

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Table 403.7.2
Posted: October 7, 2022

Correction:

403.7.2 Group I-2 occupancies. Group I-2 occupancies shall comply with Sections 403.7.2.1 through 403.7.2.5 ~~403.7.2.4.~~

TABLE 405.3

Errata IFC Chapter 4

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: TABLE 405.3

Posted: October 26, 2021

Correction: Removes several references to Footnote a that is no longer applicable.

TABLE 405.3
FIRE AND EVACUATION DRILL FREQUENCY AND PARTICIPATION

GROUP OR OCCUPANCY	FREQUENCY	PARTICIPATION
Group A	Quarterly	Staff
Group B[a]	Annually	All occupants
Group B (Ambulatory care facilities)	Quarterly on each shift	Staff
Group B[a] (Clinic, outpatient)	Annually	Staff
Group E	Monthly[~~a~~]	All occupants
Group F	Annually	Employees
Group I-1[c]	Semiannually on each shift	All occupants
Group I-2	Quarterly on each shift	Staff
Group I-3	Quarterly on each shift[~~a~~]	Staff
Group I-4	Monthly on each shift	All occupants
Group R-1	Quarterly on each shift	Employees
Group R-2[b]	Four annually	All occupants
Group R-4[c]	Semiannually on each shift	All occupants

a. Emergency evacuation drills are required in Group B buildings having an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge.
b. Emergency evacuation drills in Group R-2 college and university buildings shall be in accordance with Section 403.9.2.1. Other Group R-2 occupancies shall be in accordance with Section 403.9.2.2.
c. In Groups I-1 and R-4, see Section 403.7.1.4 and 403.9.3.4 for additional drills for staff.

501.3.1

Errata IFC Chapter 5

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Section 501.3.1
Posted: October 26, 2021

Correction:

501.3.1 Site safety plan. The *owner* or *owner's* authorized agent shall be responsible for the development, implementation and maintenance of an *approved* written *site safety plan* in accordance with Section 3303 ~~3308~~.

603.4

Errata IFC Chapter 6

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 603.4

Posted: January 29, 2021

Correction:

603.4 Working space and clearances. Working space around electrical equipment shall be provided in accordance with Section 110.26 of NFPA 70 for electrical equipment rated 1,000 volts or less, and Section ~~110.33~~ 110.32 of NFPA 70 for electrical equipment rated over 1,000 volts. The minimum required working space shall be not less than 30 inches (762 mm) in width, 36 inches (914 mm) in depth and 78 inches (1981 mm) in height in front of electrical service equipment. Where the electrical service equipment is wider than 30 inches (762 mm), the minimum working space shall be not less than the width of the equipment. Storage of materials shall not be located within the designated working space.

604.5.1

Errata IFC Chapter 6

Code/Standard: 2021 International Fire Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 604.5.1

Posted: October 7, 2022

Correction:

604.5.1 Fire service access elevators and lobbies. Where fire service access elevators are required by Section 3007 of the International Building Code, fire service access elevator fire protection and safety features shall be maintained and lobbies required by Section 3007 of the International Building Code shall be maintained free of storage and furniture.

604.5.2

Errata IFC Chapter 6

Code/Standard: 2021 International Fire Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 604.5.2

Posted: October 7, 2022

Correction:

604.5.2Occupant evacuation elevators and lobbies. Where occupant evacuation elevators are provided in accordance with Section 3008 of the International Building Code, occupant evacuation elevator fire protection and safety features shall be maintained
and lobbies required by Section 3008 of the International Building Code shall be maintained free of storage and furniture.

605.4.1.1

Errata IFC Chapter 6

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 605.4.1.1

Posted: October 26, 2021

Correction:

605.4.1.1 Approval. Outdoor fuel oil storage tanks shall be in accordance with UL 80, UL 142 or UL 2085.

903.1.1

Errata IFC Chapter 9

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 903.1.1

Posted: January 29, 2021

Correction:

903.1.1 Alternative protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted instead of automatic sprinkler system protection where recognized by the applicable standard and approved by the fire code official.

903.5

Errata IFC Chapter 9

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 903.5

Posted: January 29, 2021

Correction:

903.5 Testing and maintenance. Automatic Sprinkler systems shall be tested and maintained in accordance with Section 901.

907.2.23

Errata IFC Chapter 9

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 907.2.23

Posted: October 26, 2021

Correction:

907.2.23 Energy storage systems. An automatic smoke detection system or radiant-energy detection system shall be installed in rooms, areas and walk-in units containing energy storage systems as required in Section ~~1206~~ 1207.5.4.

907.4.2.2

Errata IFC Chapter 9

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Sections: 907.4.2.2
Posted: June 21, 2024

Correction:

907.4.2.2 Height. The height of the manual fire alarm boxes shall be not less than 42 inches (1067 mm) and not more than 48 inches (~~1372~~ 1219 mm) measured vertically, from the floor level to the activating handle or lever of the box

909.12.1

Errata IFC Chapter 9

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Sections: 909.12.1
Posted: October 7, 2022

Correction:

909.12.1 Verification. Control systems for mechanical smoke control systems shall include provisions for verification. Verification shall include positive confirmation of actuation, testing, manual override and the presence of power downstream of all disconnects. A preprogrammed weekly test sequence shall report abnormal conditions
audibly, visually and by printed report. The preprogrammed weekly test shall operate all devices, equipment
and components used for smoke control.

> **Exception:** Where verification of individual components tested through the preprogrammed weekly testing sequence will interfere with, and produce unwanted effects to, normal building operation, such
> individual components are permitted to be bypassed from the preprogrammed weekly testing, where
> *approved* by the *fire code official* and in accordance with both of the following:
>
> 1. Where the operation of components is bypassed from the preprogrammed weekly test,
>   presence of power downstream of all disconnects shall be verified weekly by a *listed*
>   control unit.
>
> 2. Testing of all components bypassed from the preprogrammed weekly test shall be in accordance with Section ~~909.20.6~~ 909.22.6.

909.20.6.2

Errata IFC Chapter 9

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Sections: 909.20.6.2
Posted: October 7, 2022

Correction:

[BF] 909.20.6.2 Standby power. Mechanical vestibule and *stairway* and *ramp* shaft ventilation systems and automatic fire detection systems shall be provided with standby power in accordance with Section ~~603~~ 1203.

1013.6.3

Errata IFC Chapter 10

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Sections: 1013.6.3
Posted: November 10, 2021

Correction:

[BE] 1013.6.3 Power source. Exit signs shall be illuminated at all times. To ensure continued illumination for a duration of not less than 90 minutes in case of primary power loss, the sign illumination means shall be connected to an emergency power system provided from storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section ~~603~~ 1203. Group I-2, Condition 2 exit sign illumination shall not be provided by unit equipment batteries only.

> **Exception:** *Approved* exit sign illumination types that provide continuous illumination independent of external power sources for a duration of not less than 90 minutes, in case of primary power loss, are not required to be connected to an emergency electrical system.

1032.2.2

Errata IFC Chapter 10

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Sections: 1032.2.2
Posted: November 1, 2021

Correction:

[BE] 1032.2.2 Locking arrangements in educational occupancies. In Group E occupancies, Group B educational occupancies and Group I-4 occupancies, egress doors ~~from classrooms, offices and other occupied rooms shall be permitted to be provided~~ with locking arrangements designed to keep intruders from entering the room shall comply with Section 1010.2.8. ~~where all of the following conditions are met:~~

1. ~~The door shall be capable of being unlocked from outside the room with a key or other *approved* means.~~
2. ~~The door shall be openable from within the room in accordance with Section 1010.2.~~
3. ~~Modifications shall not be made to existing *listed* panic hardware, fire door hardware or door closers.~~
4. ~~Modifications to fire door assemblies shall be in accordance with NFPA 80.~~

1103.5.4

Errata IFC Chapter 11

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: 1103.5.4
Posted: October 26, 2021

Correction:

Last sentence of Item 3 is independent

1103.5.4 High-rise buildings. Where Appendix M has not been adopted, existing high-rise buildings that do not have a previously *approved* fire sprinkler system shall be equipped with an *automatic sprinkler system*in accordance with Section 903.3.1.1 where any of the following conditions apply:

1. The high-rise building has an occupied floor located more than 120 feet (36 576 mm) above the lowest level of fire department vehicle access.
2. The high-rise building has occupied floors located more than 75 feet (22 860 mm) and not more than 120 feet (36 576 mm) above the lowest level of fire department vehicle access, and the building does not have at least two *interior exit stairways* complying with Section 1104.10 that are separated from the building interior by fire assemblies having a *fire-resistance rating* of not less than 2 hours with opening protection in accordance with Table 716.1(2) of the *International Building Code*.
3. The high-rise building has occupied floors located more than 75 feet (22 860 mm) and not more than 120 feet (36 576 mm) above the lowest level of fire department vehicle access, and the building does not have a fire alarm system that includes smoke detection in mechanical equipment, electrical, transformer, telephone equipment and similar rooms; *corridors*; elevator lobbies; and at doors penetrating *interior exit stairway* enclosures.

Building *owners* shall file a compliance schedule with the *fire code official* not later than 365 days after receipt of a written notice. The compliance schedule shall not exceed 12 years for completion of the *automatic sprinkler system* retrofit.

1104.6.1

Errata IFC Chapter 11

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Section 1104.6.1
Posted: October 7, 2022

Correction:

1104.6.1 Height of guards. Guards shall form a protective barrier not less than 42 inches (1067 mm) high.

Exceptions:

1. Existing guards on the open side of exit access and exit stairways and ramps shall be not less than 30 inches (760 mm) high.
2. Existing guards within dwelling units shall be not less than 36 inches (910 mm) high.
3. Existing guards in assembly seating areas.

Table 1104.18

Errata IFC Chapter 11

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing (October 2020) and 2nd Printing (November 2021)
Section/Table/Figure Number: Table 1104.18
Posted: November 10, 2021 Updated October 7, 2022 (footnotes only) / Updated June 4, 2024 (Group A)

Correction:

TABLE 1104.18
COMMON PATH, DEAD-END AND TRAVEL DISTANCE LIMITS (by occupancy)

OCCUPANCY	COMMON PATH OF EGRESS TRAVEL LIMIT		DEAD-END LIMIT		EGRESS ACCESS TRAVEL DISTANCE LIMIT	
	Unsprinklered (feet)	Sprinklered (feet)	Unsprinklered (feet)	Sprinklered (feet)[i]	Unsprinklered (feet)	Sprinklered (feet)
Group A	75	~~20~~/75[i]	20[a]	20[a]	200	250[j]
Group B[h]	75[g]	100[i]	50	50	200	300[i]
Group E	75	75[i]	20	50	200	250[i]
Group F-1, S-1	75[g]	100[i]	50	50	200[c]	250[c, h, i]
Group F-2, S-2	75[g]	100[i]	50	50	300	400[i, j]
Group H-1	25	25[l]	0	0	75	75[j, l]
Group H-2	50	100[l]	0	0	75	100[j, l]

Group H-3	50	100[l]	20	20	100	150[i, l]
Group H-4	75	75[l]	20	20	150	175[i, l]
Group H-5	75	75[l]	20	50	150	200[i, l]
Group I-1	75	75[i, l]	20	50	200	250[i]
Group I-2	Notes d, e, f	Notes d, e, f, i	Note e	Note e	150	200[b, i]
Group I-3	100	100[i]	NR	NR	150[b]	200[b, i]
Group I-4	NR	NR	20	20	200	250[i]
Group M	75	100[i]	50	50	200	250[i, i]
Group R-1	75	75[i, k]	50	50	200	250[i, k]
Group R-2	75	125[i, k]	50	50	200	250[i, k]
Group R-3	NR	NR	NR	NR	NR	NR
Group R-4	NR	NR	NR	NR	NR	NR
Group U	75[g]	100[i]	20	50	300	400[i]

NR = No Requirements.

For SI: 1 foot = 304.8 mm, 1 square foot = 0.0929 m^2.

a.See Section 1030.9.5 for dead-end aisles in Group A occupancies.

b.This dimension is for the total travel distance, assuming incremental portions have fully utilized their allowable maximums. For travel distance within the room, and from the room exit access door to the exit, see the appropriate occupancy chapter.

c.See Section 412 of the *International Building Code* for special requirements on spacing of doors in aircraft hangars.

d.Separation of exit access doors within a care recipient sleeping room, or any suite that includes care recipient sleeping rooms, shall comply with Section 1105.6.7~~1105.5.6~~.

e.In smoke compartments containing care recipient sleeping rooms and treatment rooms, dead-end corridors shall comply with Section 1105.6.6~~1105.6.5~~.

f.In Group I-2, Condition 2, care recipient sleeping rooms or any suite that includes care recipient sleeping rooms shall comply with Section 1105.7.

g.Where a tenant space in Group B, S and U occupancies has an occupant load of not more than 30, the length of a common path of egress travel shall be not more than 100 feet.

h.Where the building, or portion of the building, is limited to one story and the height from the finished floor to the bottom of the ceiling or roof slab or deck is 24 feet or more, the exit access travel distance is increased to 400 feet.

i.For covered and open malls, the exit access travel distance is increased to 400 feet.

j.Buildings equipped with an approved automatic sprinkler system in accordance with Section 903.3.1.1.

k.Buildings equipped with an approved automatic sprinkler system in accordance with Section 903.3.1.2.

l.Group H occupancies equipped with an approved automatic sprinkler system in accordance with Section 903.2.5.

1204.6

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Section 1204.6
Posted: June 15, 2021

Correction:

1204.6 Cords and wiring. Extension cords and temporary wiring used to connect portable generators shall be in accordance with Section 603 ~~604~~ and shall be provided with GFCI protection.

1205.5.1

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Section 1205.5.1
Posted: June 15, 2021

Correction:

1205.5.1 Vegetation control. A clear, brush-free area of 10 feet (3048 mm) shall be required around the perimeter of ground-mounted photovoltaic arrays.
A ~~noncombustible base of gravel or a~~ maintained vegetative surface or a non-combustible base, approved by the fire code official, shall be installed and maintained under the photovoltaic arrays and associated electrical equipment installations.

1207.1.4

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Section 1207.1.4
Posted: October 7, 2022

Correction:

1207.1.4 Hazard mitigation analysis. A failure modes and effects analysis (FMEA) or other approved hazard mitigation analysis shall be provided in accordance with Section 104.8.2 under any of the following conditions:

1. Where ESS technologies not specifically identified in Table 1207.1.1 ~~1207.1~~ are provided.
2. More than one ESS technology is provided in a room or enclosed area where there is a potential for adverse interaction between technologies.
3. Where allowed as a basis for increasing maximum allowable quantities. See Section 1207.5.2.

1207.1.5

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 1207.1.5

Posted: April 7, 2021

Correction:

1207.1.5 Large-scale fire test. Where required elsewhere in Section ~~1206~~ 1207 , large-scale fire testing shall be conducted on a representative ESS in accordance with UL 9540A. The testing shall be conducted or witnessed and reported by an *approved* testing laboratory and show that a fire involving one ESS will not propagate to an adjacent ESS, and where installed within buildings, enclosed areas and walk-in units will be contained within the room, enclosed area or walk-in unit for a duration equal to the *fire-resistance rating* of the room separation specified in Section 1207.7.4. The test report shall be provided to the *fire code official* for review and approval in accordance with Section 104.8.2.

1207.5.1

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Section 1207.5.1
Posted: October 7, 2022

Correction:

1207.5.1 Size and separation. Electrochemical ESS shall be segregated into groups not exceeding 50 kWh (180 megajoules). Each group shall be separated a minimum of 3 feet (914 mm) from other groups and from walls in the storage room or area. The storage arrangements shall comply with Chapter 10.

Exceptions:

1.Lead-acid and nickel-cadmium battery systems in facilities under the exclusive control of communications utilities and operating at less than 50 VAC and 60 VDC in accordance with NFPA 76.

2.The *fire code official* is authorized to approve larger capacities or smaller separation distances based on large-scale fire testing complying with Section 1207.1.5.

1207.6.3

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Section 1207.6.3
Posted: October 7, 2022

Correction:

1207.6.3 Explosion control. Where required by Table 1207.6 or elsewhere in this code, explosion control complying with Section 911 shall be provided for rooms, areas or walk-in units containing electrochemical ESS technologies.

Exceptions:

1. Where *approved*, explosion control is permitted to be waived by the *fire code official* based on large-scale fire testing complying with Section 1207.1.5 that demonstrates that flammable gases are not liberated from electrochemical ESS cells or modules where tested in accordance with UL 9540A.

2. Where *approved*, explosion control is permitted to be waived by the *fire code official* based on documentation provided in accordance with Section ~~104.7~~ 104.8 that demonstrates that the electrochemical ESS technology to be used does not have the potential to release flammable gas concentrations in excess of 25 percent of the LFL anywhere in the room, area, walk-in unit or structure under thermal runaway or other fault conditions.

1207.7.2

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 1207.7.2

Posted: October 26, 2021

1207.7.2 Nondedicated-use buildings. For the purpose of Table 1207.7, nondedicated-use buildings include all buildings that contain ESS and do not comply with Section ~~1207.7.2~~ 1207.7.1 dedicated-use building requirements.

1207.11.6

Errata IFC Chapter 12

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 1207.11.6

Posted: January 29, 2021

Correction:

1207.11.6 Fire detection. Rooms and areas within *dwellings units*, *sleeping units* and attached garages in which ESS are installed shall be protected by smoke alarms in accordance with Section ~~907.2.10~~ 907.2.11. A *heat detector listed* and interconnected to the smoke alarms shall be installed in locations within *dwelling units*, *sleeping units* and attached garages where smoke alarms cannot be installed based on their listing.

2404.3

Errata	IFC Chapter 24

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Figure Number: Section 2404.3
Posted: November 10, 2021

Correction:

2404.3 Design and construction. Design and construction of spray rooms, spray booths and spray spaces shall be in accordance with Sections 2404.3.1 through 2404.3.4.1 ~~2404.3.3.1~~.

3103.10.2

Errata IFC Chapter 31

Code/Standard: 2021 International Fire Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 3103.10.2

Posted: October 7, 2022

Correction:

3103.10.2 Fabric envelope design and construction. Air-supported and air-inflated structures shall have the design and construction of the fabric envelope and the method of anchoring in accordance with ASI-77 ~~Architectural Fabric Structures Institute FSAAS~~.

Figure 3203.9(1)

Errata IFC Chapter 32

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Figure Number: FIGURE 3203.9(1), FIGURE 3203.9(1)
Posted: November 1, 2021

Correction:

A = Class I, II or III commodity~~[b]~~ (*Superscript "b" deleted)*
B = Class IV commodity
C = High-hazard commodity (Group A Unexpanded)
D = High-hazard commodity (Group A Expanded)

FIGURE 3203.9(1)
~~EVALUATION BY VOLUME OF GROUP A EXPANDED PLASTICS IN MIXED COMMODITIES~~ ~~[a, b]~~
EVALUATION OF CARTONED COMMODITIES CONTAINING GROUP A PLASTICS [a, b]

a. This figure is used to determine the commodity classification of a mixed commodity with Group A plastics in a package, ~~or~~ carton~~,~~ or ~~on a pallet~~ crate.
b. The following is an example of how to apply Figure 3203.9(1): A pallet load consists of a Class III commodity in cardboard boxes with components of unexpanded Group A plastic and packing material of expanded Group A plastic. Using Equation 32-1, the weight of unexpanded Group A plastic is 5 percent. Using Equation 32-2, the volume of expanded Group A plastic is 15 percent. This commodity is classified as a Class IV commodity. If the volume of the expanded Group A plastic is increased to 20 percent, the classification changes to a High-hazard (Group A unexpanded) commodity. ~~Compare this result with the result from Figure 3203.9(2), and the highest classification will apply.~~ Where the load is stored on a plastic pallet, the requirements in Section 3203.10 also apply.

Figure 3203.9(2)

Errata IFC Chapter 32

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Figure Number: FIGURE 3203.9(1), FIGURE 3203.9(2)
Posted: November 1, 2021

Correction:

A = Class I, II or III commodity~~[b]~~ (*Superscript "b" deleted)*
B = Class IV commodity
C = High-hazard commodity (Group A Unexpanded)
D = High-hazard commodity (Group A Expanded)

FIGURE 3203.9(2)
~~EVALUATION BY WEIGHT OF GROUP A EXPANDED PLASTICS IN MIXED COMMODITIES~~[a, b, c]
EVALUATION OF EXPOSED COMMODITIES CONTAINING GROUP A PLASTICS [a, b]

a. This figure is used to determine the commodity classification of a mixed commodity with Group A plastics ~~in a package or carton, or on a pallet~~ where the products are exposed.
b. ~~The results from this figure must be compared to the results from Figure 3203.9(1). The highest classification will apply.~~
~~c.~~ The following is an example of how to apply Figure 3203.9(2): A pallet load consists of an exposed Class III commodity with components of unexpanded Group A plastic and packing material of expanded Group A plastic. Using Equation 32-1, the weight of unexpanded Group A plastic is 5 percent. Using Equation 32-~~3~~2, the ~~weight~~ volume of expanded Group A plastic is 6 percent. This commodity is classified as a High-hazard (Group A unexpanded) commodity. Where the load is stored on a plastic pallet, the requirements in Section 3203.10 also apply.

3303.1

Errata IFC Chapter 33

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 3303.1

Posted: June 15, 2021

Correction:

3303.1 Program development and maintenance. The *owner* or *owner's* authorized agent shall be responsible for the development, implementation and maintenance an approved, written *site safety plan* establishing a fire prevention program at the project site applicable throughout all phases of the construction, repair, *alteration* or demolition work. The plan ~~shall be submitted and approved before a building permit is issued, Any changes to the plan~~ shall address the requirements of this chapter and other applicable portions of this code, the duties of staff and staff training requirements. The plan shall be submitted and approved before a building permit is issued. Any changes to the plan shall be submitted for approval.

3408.1

Errata IFC Chapter 34

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section 3408.1

Posted: January 29, 2021

Correction:

3408.1 Water supply. A public or private fire protection water supply shall be provided in accordance with Section ~~508~~ 507. The water supply shall be arranged such that any part of the storage yard can be reached by using not more than 500 feet (152 m) of hose.

3603.5

Errata IFC Chapter 36

Code/Standard: 2021 International Fire Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 3603.5

Posted: October 7, 2022

Correction:

3603.5 Electrical equipment. Electrical equipment shall be installed and used in accordance with its listing, Section ~~608~~ 603 of this code and Chapter 5 of NFPA 303 as required for wet, damp and hazardous locations.

3703.6

Errata IFC Chapter 37

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: 3703.6
Posted: October 26, 2021

Correction:

3703.6 Portable fire extinguishers. Portable fire extinguishers shall be provided in accordance with Section 906 as required for extra-hazard occupancy protection as indicated in Table 906.1 ~~906.3(1)~~.

Table 3805.4

Errata IFC Chapter 38

Code/Standard: 2021 International Fire Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Table 3805.4

Posted: October 7, 2022

Correction:

This simply moves the numbers down to line up with the correct "Floor Level, Above Grade Plans" under "Number of Control Areas Per Floor"

TABLE 3805.4
DESIGN AND NUMBER OF CONTROL AREAS IN EXISTING NONSPRINKLERED LABORATORIES

FLOOR LEVEL		PERCENTAGE OF THE MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA [a, e]	NUMBER OF CONTROL AREAS PER FLOOR	FIRE-RESISTANCE RATING FOR FIRE BARRIERS IN HOURS [b, c, d]
Above grade plane	Higher than 9	5	1	2c
	7–9	10	2	2c
	4–6	25	2 ~~22~~	2c
	3	75	2 ~~4~~	1
	1–2	100	4	1
Below grade plane	1	100	3	1
	2	75	2	1
	Lower than 2	Not Allowed	Not Allowed	Not Allowed

a. Percentages shall be of the maximum allowable quantity per control area shown in Table 5003.1.1(1) and Table 5003.1.1(2), excluding all increases allowed in the footnotes to those tables.

b. Fire barriers shall include walls, floors and ceilings necessary to provide separation from other portions of the building.

c. Vertical fire barriers separating control areas from other spaces on the same floor are permitted to be 1-hour fire-resistance rated.

d. See Section 414.2.4 of the *International Building Code* for additional requirements.

e. The percentage of the maximum allowable quantity per control area shown in Table 3805.4 shall be applied to 25 percent of Table 5003.1.1(1) limits for Class 4 oxidizers or pyrophoric materials.

4003.3.4

Errata IFC Chapter 40

Code/Standard: 2021 International Fire Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 4003.3.4

Posted: October 7, 2022

Correction:

4003.3.4 Electrical. Electrical wiring and equipment shall be installed and maintained in accordance with Section ~~608~~ 603 and NFPA 70.

TABLE 5003.8.2

Errata IFC Chapter 50

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Table 5003.8.2
Posted: January 11, 2024

Correction:

TABLE 5003.8.2 (excerpt)
DETACHED BUILDING REQUIRED

A DETACHED BUILDING IS REQUIRED WHERE THE QUANTITY OF MATERIAL EXCEEDS THAT LISTED HEREIN			
Material	**Class**	**Solids and liquids (tons)a, b**	**Gases (cubic feet)a, b**
Unstable (reactives) nondetonable	Class 3 Class 2	~~125~~ 1 25	2,000 10,000
Water reactives	Class 3 Class 2	~~125~~ 1 25	Not Applicable

5401.1

Errata IFC Chapter 54

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Section 5401.1
Posted: April 7, 2021

Correction:

5401.1 Scope. The storage and use of *corrosive* materials shall be in accordance with this chapter. *Compressed gases* shall also comply with Chapter 53.

Exceptions:

1. Display and storage in Group M and storage in Group S occupancies complying with Section 5003.11.
2. Stationary storage battery systems in accordance with Section ~~1206.15~~ 1207.
3. This chapter shall not apply to R-717 (ammonia) where used as a refrigerant in a refrigeration system (see Section

TABLE 5704.3.6.3(3)

Errata IFC Chapter 57

Code/Standard: 2024 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Table 5704.3.6.3(3)
Posted: January 11, 2024

Correction:

NO BORDERS AROUND EACH Row

TABLE 5704.3.6.3(3) - excerpt
STORAGE ARRANGEMENTS FOR RACK STORAGE IN LIQUID STORAGE ROOMS AND WAREHOUSES

CLASS	TYPE RACK	STORAGE LEVEL	MAXIMUM STORAGE HEIGHT[b] (feet)	MAXIMUM QUANTITY PER ROOM[a] (gallons)
III	Multirow	Ground floor	40	48,000
	Double row	Upper floors	20	48,000
	Single row	Basements	20	24,000

5704.3.8.1

Errata IFC Chapter 57

Code/Standard: 2021 International Fire Code
Applies to following Printings: 2nd Printing
Section/Table/Figure Number: Section 5704.3.8.1
Posted: October 7, 2022

Correction:

5704.3.8.1Quantities and storage arrangement. The total quantities of liquids in a liquid storage warehouse shall not be limited. The arrangement of storage shall be in accordance with Table 5704.3.6.3(2) or 5704.3.6.3(3) ~~5704.3.6.3(4)~~.

5704.3.8.3

Errata IFC Chapter 57

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Section 5704.3.8.3
Posted: June 15, 2021

Correction:

5704.3.8.3 Ventilation. Liquid storage warehouses storing containers greater than 5 gallons (19 L) in capacity shall be ventilated at a rate of not less than 0.25 cfm per square foot (~~0.075 $m^3/s \cdot m^2$~~ 0.00127 $m^3/s \times m^2$) of floor area over the storage area. ammonia) where used as a refrigerant in a refrigeration system (see Section 608).

AFSI

Errata IFC Chapter 80

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Chapter 80 AFSI

Posted: October 26, 2021

Correction:

~~**FSAAS—16**~~ **ASI-77** ~~Fabric Structures Associated Air Structures 2016~~ Design and Standards Manual 3103.10.2

ASME

Errata 2021 IFC Chapter 80

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st printing
Section/Table/Figure Number: Referenced Standards
Posted: November 1, 2021

ASME
A17.3—~~2020~~ 2017 Safety Code for Existing Elevators and Escalators

ASSP

Errata 2021 IFC Chapter 80

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st printing
Section/Table/Figure Number: Referenced Standards
Posted: November 1, 2021

ASSP

ANSI/ASSP Z359.1—~~2019~~ 2020 The Fall Protection Code

BHMA

Errata 2021 IFC Chapter 80

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st printing
Section/Table/Figure Number: Referenced Standards
Posted: November 1, 2021

BHMA

A156.19—~~2020~~ 2019 Power Assist and Low-energy Power-operated Doors

A156.38—~~2020~~ 2019 Low-energy Power-operated Sliding and Folding Doors

CGA

Errata 2021 IFC Chapter 80

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st printing
Section/Table/Figure Number: Referenced Standards
Posted: November 1, 2021

CGA

ANSI/CGA G-13—~~(2016)~~ (2015) Storage and Handling of Silane and Silane Mixtures (an American National Standard)

IIAR

Errata IFC Chapter 80

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Chapter 80 ANSI IIAR

Posted: March 30, 2021

Correction:

ANSI/IIAR 6~~—2018~~ 2019 Standard for Inspection, Testing, and Maintenance of Closed-circuit Ammonia Refrigeration Systems 608.1.2

ANSI/IIAR 7—2019 Developing Operating Procedures for Closed-circuit Ammonia ~~Mechanical~~ Refrigeration Systems 608.1.2

ANSI/IIAR 9~~—2018~~ 2020 Standard for Minimum System Safety Requirements ~~Recognized and Generally Accepted Good Engineering Practices (RAGAGEP)~~ for Existing Closed-circuit Ammonia Refrigeration Systems 608.1.2

NFPA

Errata IFC Chapter 80

Code/Standard: 2021 International Fire Code
Applies to following Printings: 1st Printing
Section/Table/Figure Number: Chapter 80 NFPA
Posted: June 15, 2021

Correction:

02—~~19~~20 Hydrogen Technologies Code

10—~~21~~ 18 Standard for Portable Fire Extinguishers

17—~~20~~ 21 Standard for Dry Chemical Extinguishing Systems

17A—~~20~~ 21 Standard for Wet Chemical Extinguishing Systems

~~55—19~~ 20 Compressed Gases and Cryogenic Fluids Code

96—~~20~~ 21 Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations

UL

Errata IFC Chapter 80

Code/Standard: 2021 International Fire Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Chapter 80 UL

Posted: March 30, 2021

Correction:

UL 1389—~~2017~~ 2019 ~~Plant Extraction Units~~ Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations. 3904.2.1