

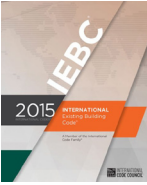



KNOX-BOX® Rapid Entry System



Use of Knox® Products is supported by model codes as a means of establishing secure emergency access to commercial structures and fire department connections.

Code References	NFPA  National Fire Protection Association	IFC  International Fire Code (International Code Council)	IBC  International Building Code (International Code Council)
Commercial Building Applications – Outdoor Use			
KNOX-BOX® 3200 Series	NFPA 18.2.2.1	IFC 506.1 IFC Appendix "D" D 103.5 Fire Apparatus access road gates, D103.5 #5, #6	IBC 402.7.5 (FD Access to equipment in covered or uncovered malls, anchor buildings, and associated parking garages)
KNOX-VAULT® 4400 Series			
KNOX-VAULT® 4500 Series Power Shutdown	NFPA 11.1.7.1-2		
KNOX® Padlocks KNOX® Key Switches	NFPA 18.2.2.2	IFC Appendix "D" D 103.5 Fire Apparatus access road gates, D103.5 #5	
Commercial Building Applications – Indoor Use – Weather Protection Required			
KNOX® Elevator/Lobby Box	NFPA 1 11.3.6.3.1 opt out 11.3.6.3.1.1	IFC 506.1 506.1.2	IBC Chapter 30, Elevators
KNOX® Cabinets 1300 Series		IFC 506.1 IFC 5001.5.1 Haz-Mat Mgt Plan	
FDC Protection Products			
KNOX® FDC Plug, StorzGuard®, SecureCap®	NFPA 13.1.12	IFC 912.4.1	IBC 912.4.1
 International Existing Building Code IEBC 1012.2.1			

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Code Exerpts Relative to Knox® Products

KNOX-BOX® and KNOX-VAULT®



2015 NFPA 1, Fire Code Chapter 18.2.2.1

“The AHJ shall have the authority to require an access box(es) to be installed in an accessible location where access to or within a structure or area is difficult because of security. The access box(es) shall be of an approved type **listed in accordance with UL 1037.**”

2015 International Fire Code Chapter 506.1

“Where access to or within a structure or an area is restricted because of secured openings or where immediate access is necessary for life-saving of fire-fighting purposes, the fire code official is authorized to require a key box to be installed in an approved location. The key box shall be of an approved type **listed in accordance with UL 1037** and shall contain keys to gain necessary access as required by the fire code official.”

2015 International Building Code Chapter 402.7.5

“**Fire department access to equipment.** Rooms or areas containing controls for air-conditioning systems, automatic fire-extinguishing systems, automatic sprinkler systems or other detection, suppression or control elements shall be identified for use by the fire department.”

KNOX® Elevator/Lobby Box



2015 NFPA 1, Fire Code Chapter 11.3.6.3.1; 11.3.6.3.1.1

“Where a standardized key cylinder cannot be installed in an existing elevator key switch assembly, the building’s nonstandardized fire service elevator keys shall be provided in an access box.”

“The access box shall be mounted at each elevator bank at the lobby nearest to the lowest level of fire department access.”

1300 Series KNOX® Cabinet



2015 International Fire Code Chapter 5001.5.1- 5001.5.2

“**Hazardous Materials Management Plan (HMMP).** The HMMP shall include a facility site plan designating the following:

1. Access to each storage and use area.” (see code for complete list)

“**Hazardous Materials Inventory Statement (HMIS).** The HMIS shall include the following information:” (see code for complete list)

4500 Series KNOX® Remote Shutdown Station



2015 NFPA 1, Fire Code Chapter 11.1.7.1-2

“Means shall be provided for the fire department to disconnect the electrical service to a building, structure, or facility when the electrical installation is covered under the scope of NFPA 70.”

“The disconnecting means shall be maintained accessible to the fire department.”

KNOX® FDC Protection



2015 NFPA 1, Fire Code Chapter 13.1.12

“The AHJ shall have the authority to require locking fire department connection (FDC) plugs or caps on all water-based fire protection systems.”

2015 International Fire Code Chapter 912.4.1

2015 International Building Code Chapter 912.4.1

“**Locking Fire Department Connection Caps:** The fire code official is authorized to require locking caps on fire department connections for water-based fire protection systems where the responding fire department carries appropriate keywrenches for removal.”

2012 IEBC, Chapter 10, 1012.2.1

Where a change in occupancy classification occurs that requires an automatic fire sprinkler system to be provided based on the new occupancy in accordance with Chapter 9 of the International Building Code, such system shall be provided throughout the area where the change of occupancy occurs.
(Sprinkler system review – Including FDCs)



KNOX® Padlock

2015 NFPA 1, Fire Code Chapter 18.2.2.2

“The AHJ shall have the authority to require fire department access be provided to gated subdivisions or developments through the use of an approved device or system”

2015 International Fire Code Appendix “D” D103.5

“Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.”



KNOX® Key Switch