



Riverside County Fire Department TECHNICAL POLICY TP06-003
Code References 2019 California Fire Code, Chapter 5, Section 506

Purpose

This standard has been developed to assist development applicants, architects, contractors and building/business owners in determining the minimum requirements for rapid, non-destructive access to the property and building during emergency situations.

Codes and Standards

Where access to or within a structure or an area is restricted because of secured opening(s) or where immediate access is necessary for life-saving or fire-fighting purpose, the Office of the Fire Marshal is authorized to require a key box to be installed in accordance with 2019 CFC, Section 506.

Effective March 1, 1992, the Riverside County Fire Department has incorporated the Knox Rapid Entry System into the Department's operational standards. The Knox System breaks down into four types:

- Knox Box – Mounted on building and stores building keys.
- Knox Padlocks – Installed on non-powered access gates.
- Knox Switches – Installed on powered access gates.
- Knox Cabinet Box – Mounted on building and stores blue prints, floor plans, SDS and HazMat information.

All four types operate with a single key that is secured by the Riverside County Fire Department.

KNOX SYSTEM TYPES

KNOX BOX



General Information:

Knox Boxes, and similar products manufactured by Knox Company, are the only type approved by the Riverside County Fire Department.

Knox Boxes also include boxes with tamper switches for buildings that are equipped with a fire alarm system. This switch may be tied into the fire alarm system, allowing the box to be monitored thereby, providing more security.

NOTE: Residential type boxes are not permitted to be used on commercial properties.



MENIFEE FIRE DEPARTMENT · OFFICE OF THE FIRE MARSHAL
29844 Haun Road · Meniffee, CA 92586 · (951) 246-6215 Fire General Line
Inspection Request Email menifeeofm@cityofmeniffee.us



TP06-003-KNOX EMERGENCY ACCESS STANDARD

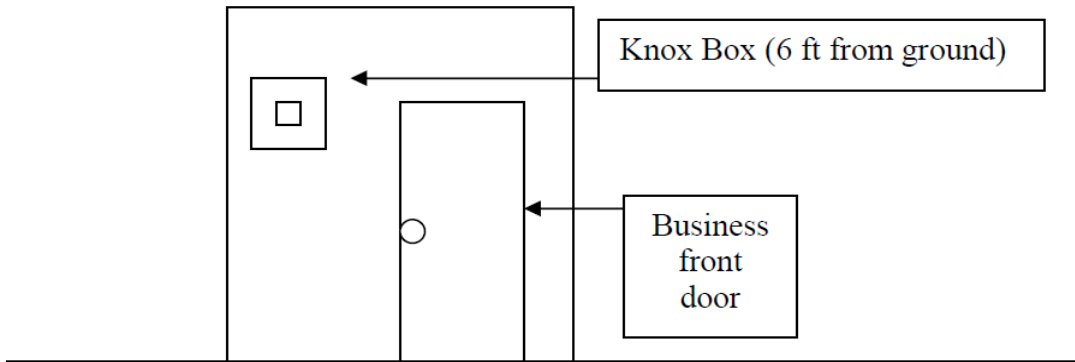
Required Keys: One (1) labeled key per tenant space and/or door locking applications shall be provided for installation within the Knox Box. If multiple keys are required; they shall be on a key ring to keep them together. Examples of keys to be included:

1. Keys that will provide access to ALL areas of the building.
2. Rooms with fire detection and/or fire suppression equipment.
3. Keys to operate the protection equipment.
4. Elevator keys for operation and door control.
5. Appropriate codes and/or electronic key cards.
6. Fire alarm panel and manual pull station boxes.

Installation:

Box shall be placed within proximity of the front main doors. Additional Knox boxes may be required at other locations for large structures or where access delays warrant it.

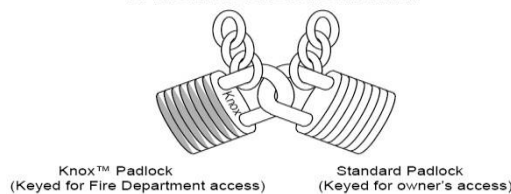
All models (except Knox cabinet boxes) shall be mounted approximately 6 feet above finished grade to the bottom of the Knox Box, or as otherwise approved. The box shall be clearly visible and mounted in accordance with manufacturer's recommendations.



KNOX PADLOCKS



APPROVED PADLOCK INSTALLATION



General Information:

Knox Padlocks, and similar products manufactured by Knox Company, are the only type approved by the Riverside County Fire Department.



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TP06-003-KNOX EMERGENCY ACCESS STANDARD

A Knox Padlock is required where a chain or manual gate is being utilized.

Installation:

Verify the shackle size and that the links on the chain are large enough to allow the padlock shackle to pass through.

How to utilize two padlocks – One standard lock and one Knox Padlock can be hooked together as indicated on the diagram above. This will allow access for, both, the owner and Fire Department.

KNOX SWITCHES



General Information

Knox Key Switches, and similar products manufactured by Knox Company, are the only type approved by Riverside County Fire Department.

A Knox Key Switch is required on all electronic gates and is the only application for this use.

Installation

A licensed gate contractor shall install Knox Switches.

Upon actuation of the Knox Key Switch, the gate shall open, along with any additional swing arms. The gate and swing arm shall stay in the open position until the key switch is put back into normal operating position by the Fire Department.

KNOX CABINET BOX



High Security Storage



General Information

Knox Cabinet Box, and similar products manufactured by Knox Company, is the only type approved by Riverside County Fire Department.

A Knox Cabinet Box is required on all buildings with Hazardous Materials where SDS documents are required to be readily available for First Responders or other specialty occupancies and is the only application for its use.

A Knox Cabinet Box is used to store blue prints, floor plans, SDS and Haz-Mat information.



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PLANS REQUIRED

All plans, shall be submitted to Menifee Fire Department-Office of the Fire Marshal for review and approval of mounting location/position and operating standards, prior to installation.

NOTE: New buildings shall note location(s) of Knox products on all building plans.

HOW TO ORDER KNOX EQUIPMENT

To order your Knox Equipment go to KNOXBOX.COM, click on **BUY**, it will direct you to select State/Province- click on California, for Enter department name select Riverside Co Fire Department, click on High Security for Knox Boxes or Low Security for gate keys, padlocks etc. After you have made your selection, it will direct you to enter product installation address and your business name. Make sure to enter all required information including the permit number if one is available. After you have entered this information, Click on **SUBMIT**. It will redirect you to another screen to verify the order, if all information is correct, click on **Submit for eApproval**. *Please Note: If you do not have an account with KNOXBOX, you will be required to create a new account.* You will receive an email with a link where you will complete your transaction, payment, shipping info, etc. KNOX will email Menifee Fire Department for approval.



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