



SEVIERVILLE FIRE DEPARTMENT SHORT-TERM RENTAL UNIT (S.T.R.U) Pre-Inspection Checklist



These are some of the commonly found issues:

1. PROVIDE STREET NUMBER ON FRONT OF BUILDING- IFC Section 505
 - Street Number: The street number shall be at least 4" tall, in contrasting colors and visible from the street (can be on the house, mailbox, or curb). This is for ALL emergency personnel (not just Fire Dept.)
 - You may find appropriate sizes at stores such as Home Depot, Walmart, and Lowes.

2. PROVIDE APPROVED SMOKE ALARMS MEETING UNDERWRITERS LABORATORY (UL) 217 STANDARDS IN COMPLIANCE WITH IFC 907.2.11 and NFPA 72, AND SHALL BE INSTALLED AS FOLLOWS:
 - A) IN ALL SLEEPING AREAS.(Area means room)

IN EVERY ROOM IN THE PATH OF THE MEANS OF EGRESS FROM THE SLEEPING AREAS TO THE DOOR EXITING THE LIVING UNIT. (Path of egress means the way out; outside the bedrooms (hall) and one in the living area to the door)

 - B) IN EACH STORY WITHIN THE SLEEPING UNIT, INCLUDING BASEMENTS. FOR SLEEPING UNITS WITH SPLIT LEVELS AND, WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL.(Basements not crawl spaces and garages shall be covered as well).

 - C) NO CLOSER THAN 3 FEET TO ANY AIR DIFFUSER (RETURN AIR VENTS, CEILING FANS OR WINDOW UNITS)

 - D) ALL SMOKE ALARMS SHALL BE INTERCONNECTED PER 2012 IFC FIRE CODE 907.2.11.3
Interconnected means if one smoke alarm goes off, they ALL go off. This can be achieved by hard-wired to house electrical system by a licensed electrician, or wireless devices. The wireless devices have to be individually programmed. Check manufacturer's instructions on how many can be used together as this may vary.
Some of the Approved Smoke Alarms Brands/Models:
X-Sense:
-XS01-WR Wireless Interconnected Smoke Alarm (Battery)
-SD19-W Wireless Interconnected Smoke Alarm (Battery)
First Alert:
- SA511CN2-3ST INTERCONNECTED WIRELESS SMOKE ALARM WITH VOICE & LOCATION (Battery)
- 9120B HARDWIRED IONIZATION SMOKE ALARM WITH BATTERY BACKUP (Hardwired)
- SA511CN2-3ST INTERCONNECTED WIRELESS SMOKE ALARM WITH VOICE & LOCATION (Hardwired)
- SA521CN-3ST INTERCONNECTED SMOKE ALARM WITH HARDWIRE ADAPTER INCLUDED (Hardwired)

3. A FIRE EXTINGUISHER HAVING A MINIMUM RATING OF 2A:10BC SHALL BE REQUIRED ON EVERY LEVEL OF THE UNIT.
 - Extinguishers are required to be Inspected and Tagged on a yearly basis through an extinguisher company.
 - Companies that service our area include Knox Fire, Sevier Fire, Rapid Fire, Independent Suppression Consultants, and Fireman Protection.

4. SLEEPING ROOMS SHALL BE EQUIPPED WITH OPERABLE WINDOWS FOR RESCUE WITH AN OPENING THAT MEASURES 5.7 SQUARE FEET WITH A MINIMUM OF 20 INCHES IN WIDTH AND 24 INCHES IN HEIGHT. (2012 IFC CHAPTER 10, SECTION 1029)
Each sleeping room needs to have at least one (1) rescue window that can open completely. Each rescue

window needs to meet the following requirements:

- When the window is completely opened, the open space must be NO more than 44 inches from the finished floor. This is typically found by first opening the window, and then measuring from the finished floor up to the windowsill (or window lip if there is a lip that stands higher than the sill). If the measurement from the finished floor to the opening is 44 inches or LESS than the window satisfies this requirement.
- Rescue windows in sleeping rooms must have a clear open area of 5.7 square feet (or 820.8 square inches), while meeting a minimum width of 20 inches, and a minimum height of 24 inches.

To find the area, first, open the window completely. Measure the width and height of the **OPENING ONLY**. Multiply these measurements together. If your number is 820.8 square inches or larger, and the minimum width and height are met than the window satisfies this requirement. The only exceptions to this are if the sleeping room is at grade level or if there is a door inside the sleeping room leading directly to the outside. If the room is at grade level (ground floor), the area can be reduced to 5.0 square feet (or 720 square inches). All other requirements remain the same. If there is a door in the sleeping room leading directly to the outside, the window requirements do not need to be met.

5. All spas and hot tubs Indoors or outdoors will need to be equipped with an emergency shut-off. (NFPA 70 (2011) — NATIONAL ELECTRICAL CODE 680.41).
 - Emergency Switch for Spas and Hot Tubs. A clearly labeled emergency shutoff or control switch for the purpose of stopping the motor(s) that provide power to the recirculation system and jet system shall be installed at a point readily accessible to the users and not less than 1.5 m (5 ft) away, adjacent to, and within sight of the spa or hot tub. This requirement shall not apply to single-family dwellings.

6. Fireplaces in sleeping areas.

Unvented gas fireplaces over 10,000 Btu's are not permitted to be used in sleeping areas. (IFGC Section 303.3 Prohibited Locations)

7. Extension cords and Multi Plugs (2012 International Fire Code)

- a) Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances. All appliances shall be plugged directly into an outlet or a surge-protected option.
- b) Temporary wiring for electrical power and lighting installations is allowed for a period not to exceed 90 days. Temporary wiring methods shall meet the applicable provisions of NFPA 70.
- c) Multiplug adapters, such as cube adapters, unfused plug strips or any other device not complying with NFPA 70 shall be prohibited. Any non-surge-protected multiplug shall not be permitted. They can be replaced with a surge-protected option that is UL listed.

8. Grills and Firepits

Charcoal grills or other open-flame cooking devices:

-Charcoal burners and other open-flame cooking devices shall not be operated on combustible balconies or within 10 feet (3048 mm) of combustible construction (IFC 2012). Unless approved by the fire code official.

Fire Pits:

-Portable outdoor fireplaces shall be used in accordance with the manufacturer's instructions and shall not be operated within 15 feet (3048 mm) of a structure or combustible material. (IFC 2012)

-As well as have an approved means of suppression such as a 4-A rated fire extinguisher or other approved on-site-extinguishment equipment such as dirt, sand, water barrel, or garden hose.