

## CTH II Checklist 2009

Requirement	IFC (2006)	RefNum
_____ Fueled equipment, including but not limited to motorcycles, mopeds, lawn-care equipment and portable cooking equipment, shall not be stored, operated or repaired within a building. Exceptions: 1. Buildings or rooms constructed for such use in accordance with the International Building Code. 2. Where allowed by Section 314. 3. Storage of equipment utilized for maintenance purposes is allowed in approved locations when the aggregate fuel capacity of the stored equipment does not exceed 10 gallons (38 L) and the building is equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.	IFC (2006)	313.1 General.
_____ Fire Drills shall be conducted quarterly as a minimum and written records shall be kept of all drills. This is a DDSN policy	DDSN Policy	2009 Requirement
_____ Storage of combustible materials in attics, basements and concealed spaces shall be neat and orderly and shall not be excessive. Storage weight shall be considered in attic spaces as well as the amount of combustible materials.	IFC (2006)	315.2 Storage in buildings.
_____ Storage of combustible materials in buildings shall be orderly. Storage shall be separated from heaters or heating devices by distance or shielding so that ignition cannot occur.	IFC (2006)	315.2 Storage in buildings.
_____ New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 0.5 inch (12.7 mm).	IFC (2006)	505.1 Address numbers.
_____ Portable unvented fuel-fired heating equipment shall be prohibited in occupancies in Groups R-3.	IFC (2006)	603.4 Portable Unvented Heaters.
_____ Single or multiple-station smoke alarms shall be installed and maintained in R-3 regardless of occupant load at all of the following locations: 1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms. 2. In each room used for sleeping purposes. 3. In each story within a dwelling unit, including basements but not including crawl spaces and uninhabitable attics. In dwellings or dwelling 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 the lower level is less than one full story below the upper level.	IFC (2006)	907.2.10.1.2 Groups R-2, R-3, R-4 and I-1.
_____ Client homes must meet the requirements of R-3 occupancies as specified by the IBC.	IBC (2006)	310.1 Congregate Living Facility
_____ Minimum (2) independent means of escape from each client bedroom.	IFC (2006)	1026.1
_____ The exit discharge shall provide a direct and unobstructed access to a public way.	IFC (2006)	1024.6 Access to public way
_____ Homes that have fuel fired appliances shall have a carbon monoxide detector installed in home.	NFPA 72 (2007)	11.9 Household Fire Alarms
_____ Smoke Alarms shall be installed in accordance with NFPA 72.	IFC (2006)	907.2.10.1.2
_____ New construction must have interconnected Smoke Alarms	NFPA 72 (2007)	NFPA 72 11.5.1
_____ Emergency lights installed in halls and areas of exit egress	IFC (2006)	1006.3 Illumination Emergency Power
_____ Fire Extinguishers located per NFPA 10	IFC (2006)	906.2 Extinguisher Requirements
_____ Minimum 2A:10BC fire extinguisher shall be installed in kitchen(s).	IFC (2006)	Table 906.3(1)
_____ Fire extinguishers shall be inspected monthly by a properly trained employee and provide documentation on tag.	NFPA 10 (2007)	7.2.1.2 Extinguisher Inspection
_____ Fire extinguisher(s) shall be serviced annually by a South Carolina licensed fire equipment dealer.	NFPA 10 (2007)	7.3.1.1.1 Extinguisher Servicing
_____ Heating devices shall be listed.	IFC (2006)	603.5 Heating Appliances
_____ Portable unvented fuel fire heaters shall be prohibited.	IFC (2006)	603.4 Portable Unvented Heaters.
_____ Unguarded open flame heaters are prohibited except for emergencies when electric power is unavailable.	IFC (2006)	603.5 Portable Unvented Heaters
_____ Unvented gas heaters shall be equipped with an Oxygen Depletion Device.	LP Gas Law	40-82-300(A)
_____ Unvented gas heaters shall be equipped with automatic gas pilot shutoff device.	LP Gas Law	40-82-300(A)
_____ Drapes or curtains fire retardant treated or flame resistant from manufacturer	IFC (2006)	807.1 Decorative Materials other than decorative vegetation
_____ Smoke alarms installed in R-3 facilities shall not remain in service longer than 10 years from the date of manufacture.	NFPA 72 (2007)	11.8.1.4 Installation General
_____ Shall install a listed Smoke Alarm in each room that is used for sleeping purposes.	IFC (2006)	907.2.10

_____	Where more than one smoke alarm is required to be installed within an individual dwelling unit or sleeping unit in Group R-2, R-3 or R-4, or within an individual sleeping unit in Group R-1, the smoke alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.	IFC (2006)	907.2.10.3
_____	Smoke Alarms mounted on a flat ceiling shall be located no closer than 4 in. from the adjoining wall surface.	NFPA 72 (2007)	11.8.3.1 Flat Ceilings
_____	Smoke Alarms mounted on a peaked ceiling shall be located within 36 in. horizontally of the peak, but not closer than 4 in. vertically to the peak.	NFPA 72 (2007)	11.8.3.2* Peaked Ceilings
_____	Smoke Alarms mounted on a sloped ceiling having a rise greater than 1 ft in 8 ft horizontally shall be located within 36 in. of the high side of the ceiling, but not closer than 4 in. from the adjoining wall surface.	NFPA 72 (2007)	11.8.3.3* Sloped Ceilings
_____	Smoke Alarms mounted on walls shall be located not closer than 4 in. from the adjoining ceiling surface and not farther than 12 in. from the adjoining ceiling surface.	NFPA 72 (2007)	11.8.3.4* Wall Mounting
_____	Smoke Alarms installed within a 20 ft horizontal path of a cooking appliance shall be equipped with an alarm-silencing means or be of the photoelectric type.	NFPA 72 (2007)	11.8.3.5(4) Specific Location Requirements
_____	Smoke Alarms shall not be installed within a 36 in. horizontal path from a door to a bathroom containing a shower or tub.	NFPA 72 (2007)	11.8.3.5(5) Specific Location Requirements
_____	Smoke Alarms shall not be installed within a 36 in. horizontal path from the supply registers of a forced air heating or cooling system and shall be installed outside of the direct airflow from those registers.	NFPA 72 (2007)	11.8.3.5(6) Specific Location Requirements
_____	Smoke Alarms shall not be installed within a 36 in. horizontal path from the tip of the blade of a ceiling-suspended (paddle) fan.	NFPA 72 (2007)	11.8.3.5(7) Specific Location Requirements
_____	On smooth ceilings, heat detectors and heat alarms shall be installed within the strict limitations of their listed spacing.	NFPA 72 (2007)	11.8.4* Heat Detectors and Heat Alarms
_____	For sloped ceilings having a rise greater than 1 ft in 8 ft horizontally, the detector or alarm shall be located within 3 ft of the peak. The spacing of additional detectors or alarms, if any, shall be based on a horizontal distance measurement, not on a measurement along the slope of the ceiling.	NFPA 72 (2007)	11.8.4* Heat Detectors and Heat Alarms
_____	Heat detectors or alarms shall be mounted on the ceiling at least 4 in. from a wall or on a wall with the top of the detector or alarm not less than 4 in. nor more than 12 in. below the ceiling.	NFPA 72 (2007)	11.8.4* Heat Detectors and Heat Alarms
_____	Smoking prohibited in bedrooms, only in designated areas	IFC (2006)	310.2 Prohibited areas
_____	Ramp installed in accordance with IBC in facilities housing handicapped clients	IBC (2006)	1010.7 Construction
_____	Shall provide Bedroom window or door to outside with a minimum net clear opening of 5 sq. ft. for grade-floor. The minimum net clear opening height dimension shall be 24 inches . The minimum net clear opening width dimension shall be 20 inches .	IFC (2006)	1026.2 Emergency Escape & Rescue Openings
_____	Shall provide Bedroom window to outside with a minimum net clear opening of 5.7 sq. ft. for above grade-floor. The minimum net clear opening height dimension shall be 24 inches. The minimum net clear opening width dimension shall be 20 inches.	IFC (2006)	1026.2 Emergency Escape & Rescue Openings
_____	Emergency escape and rescue openings shall have the bottom of the clear opening not greater than 44 inches measured from the floor.	IFC (2006)	1026.3 Emergency Escape & Rescue Openings
_____	Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys or tools.	IFC (2006)	1026.4 Emergency Escape & Rescue Openings
_____	Shall replace missing covers on light fixtures.	NEC (2008)	410.5 & 410.6 Light covers
_____	Unused openings in electrical panel shall have filler plates installed to prevent accidental contact or electrical shock.	NEC (2008)	110.12(A) & 408.7 Unused Openings
_____	Open panel box cover(s) shall have a cover installed, repaired or replaced.	NEC (2008)	110.12(A) Open Covers
_____	A GFCI outlet or breaker shall be installed for all of the following residential areas: Bathrooms, Garages, Outdoors, Crawlspace, Unfinished basements, Kitchens, Laundry, utility, and Wet bar sinks- where the receptacles are installed within 1.8 M (6 feet) of the outside edge of the sink and the Boathouse.	NEC (2008)	210.7 GFCI Outlets
_____	Multiplug adapters, such as cube adapters, unfused plug strips or any other device not complying with the ICC Electrical Code or the NEC shall be prohibited.	IFC (2006)	605.4 Multi-plug Adapters
_____	Open junction boxes and open-wiring splices shall be prohibited. Approved covers shall be provided for all switch and electrical outlet boxes.	IFC (2006)	605.6 Unapproved conditions.

_____	Electrical motors shall be maintained free from excessive accumulations of oil, dirt, waste and debris.	IFC (2006)	605.8 Electrical motors.
_____	Clothes dryers shall be exhausted in accordance with the manufacturer's instructions. Dryer exhaust systems shall be independent of all other systems and shall convey the moisture and any products of combustion to the outside of Clothes dryer transition ducts used to connect the appliance to the exhaust duct system shall be limited to single lengths not to exceed 8 feet (2438 mm) and shall be listed. Exhaust ducts for domestic clothes dryers shall be constructed of metal and shall have a smooth interior finish. The exhaust duct shall be a minimum nominal size of 4 inches (102 mm) in diameter.	IMC (2006)	504.1 Dryer Exhaust.
_____	Air for combustion, ventilation, and dilution of flue gases for gas utilization equipment installed in buildings shall be obtained by application of methods covered in 8.3.2-8.3.6 of NFPA 54 2006 Ed.	NFPA 54 (2006)	9.3.1.1 Ventilation
_____	Portable LP Gas containers as defined in NFPA 58, shall not be used in CTH II homes.	IFC (2006)	3803.2.1 LP Gas Use
_____	A working space of not less than 30 inches (762 mm) in width, 36 inches (914 mm) in depth and 78 inches (1981 mm) in height shall be provided in front of electrical service equipment. Where the electrical service equipment is wider than 30 inches (762 mm), the working space shall not be less than the width of the equipment. No storage of any materials shall be permitted in the designated working space.	IFC (2006)	605.3 Clearance
_____	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.	IFC (2006)	605.5 Extension Cord Use
_____	An automatic sprinkler system installed in accordance with Section 903.2.7 shall be provided throughout all buildings with a Group R fire area.	IFC (2006)	903.2.7 Sprinkler System
_____	Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective.	IFC (2006)	901.6 Inspection, testing and maintenance.
	<b>Note: facilities that were constructed to a code that did not require some of these items will not require these items to be installed if they were licensed before these items were required unless the codes specifically require the items to be retroactively required.</b>		