



OREGON FIRE CODE

Interpretations and Technical Advisories

A collaborative service by local and state fire professionals, along with our stakeholders, and customers, to provide consistent and concise application of Oregon's fire prevention and life safety regulations.

Date: November 24, 2009 – Revised March 23, 2010

Ruling: Technical Advisory No. 08-03

Subject: Holiday Décor and Fire Safety Guidelines

Code Reference: 2007 Oregon Fire Code

Subject: Guidance on the use of decorative items during traditional holidays but these guidelines may be utilized at any time of the year.

Contents: For the purposes of this technical advisory, the following shall apply:

EGRESS Access to exits and exit paths shall not be obstructed by decorative materials.

SOURCES OF IGNITION

- Candles and other sources of open flame are not allowed for any decorations or ceremonies, except as approved by the fire code official prior to the event.
- Sources of ignition shall not be allowed within the vicinity of combustible decorative materials.

ELECTRICAL

- Only UL listed miniature or LED style lights shall be used in accordance with their listing.
- Extension cords shall be approved commercially manufactured UL listed assemblies (14-gauge minimum 15-amp minimum). Only grounded or polarized extension cords shall be used.
- Electrical lights and extension cords that are physically damaged or altered shall not be used unless repairs are in accordance with the state adopted electrical code.

DECORATIVE MATERIALS

- Decorative materials are materials applied over interior finishes such as curtains, drapes, fabrics, streamers and other surface coverings, batting, cloth, cotton, hay, stalks, straw, vines, leaves, trees, moss, and similar items including foam plastics.
- Natural cut vegetation, including natural cut Christmas trees.

Fire-retardant coatings are not required or recommended on natural cut trees and will not extend the length of time a tree should be permitted indoors. While freshly cut trees are naturally flame resistant due to their high water content, they become extremely flammable when permitted to dry out. When brought indoors, the heat and lower humidity will accelerate the drying process.

Care of Christmas trees shall be as follows:

- Sawed off at least one inch above the original cut.
- Mounted securely in a tree stand, pail, tub, or other water-type holder or reservoir.
- Maintain the water level above the cut as long as the tree is indoors and add fresh water daily.
- Avoid placement near heating sources including fireplaces, air vents and space heaters which can accelerate the drying process and may also pose an ignition hazard.

Decorations made of natural cut materials shall be removed at any indication of dryness, such as brittleness, loss of color, or fallen needles. Christmas trees and other natural cut holiday decorations shall be removed if the building is unoccupied for more than three (3) days.

- Artificial decorations may have electrical devices used in accordance with manufacturer's instructions.
Exception: Artificial decorations having exposed metal surfaces shall not be decorated with any type of electrical devices, decorations or appliances.
- All decorations shall be either inherently fire retardant or treated with a flame retardant to be flame resistant and shall comply with the Oregon Fire Code 2007 Edition, Section 807.
- The means of egress shall not be obstructed by decorative vegetation or materials.

OCCUPANCY SPECIFIC GUIDELINES

- Assemblies – Assembly buildings or rooms shall not exceed the posted occupancy load or as approved by the fire authority.
- Schools – Artwork, decorations for learning purposes, and student generated materials on the walls in routes of egress shall not exceed 20% of the wall area.

- Displays for classrooms and hallways:
 - Paper materials such as artwork and decorations shall be secured flat against the wall or bulletin board.
 - Three dimensional artwork and décor (has height, width, and depth, or thickness) is prohibited unless approved by the local fire code official.
 - Limit displays to 40 square feet with a three-foot “fire break” between displays.
 - Displays shall not cover more than 20% of a hallway wall area.
 - Classroom doors shall not be covered with paper.
 - Materials suspended from the ceiling (hanging décor) shall be at least 24 inches below the ceiling and be at least 18 inches from fire sprinkler heads.
 - Items suspended cannot hang low enough to interfere with exiting.
 - Ceilings shall not be covered with flammable materials.

- Three dimensional artwork located in routes of egress shall be limited in size (no greater than 40 sq. feet), shall not be continuous in nature, provided with a clear area around it that is equal to the size of the display, and be inherently fire resistant.

- Health Care, Residential Care and Assisted Living Facilities.
 - Natural cut Christmas trees are prohibited in health care, residential care and assisted living type occupancies.
 - Exceptions:**
 - 1) Trees located in areas protected by an approved automatic sprinkler system excluding patient rooms.
 - 2) Trees in patient rooms that meet one of the following:
 - a) A live Christmas tree not exceeding 24 inches in height, including the pot. Pots shall not exceed 9 inches in diameter.
 - b) An artificial tree of non-combustible material not exceeding 24 inches in height.
 - No electrical decorations are allowed on Christmas trees in patient rooms.
 - Exception.** Battery operated listed miniature or LED style lights may be used with the approval of the facility.
 - Decorative material shall not exceed more than 20% of corridor walls area.
 - Artificial decorative vegetation, e.g., artificial Christmas trees shall meet the flame propagation performance criteria of NFPA 701 and shall be documented and certified by the manufacturer in an approved manner.
 - Listed miniature or LED style lights may be used around the inner framing of an outside wall window with the approval of the facility.

- Foster Care Homes – Christmas trees shall not be in sleeping rooms.

- Contact the local fire authority for temporary membrane structures, tents, haunted houses, outdoor carnivals, fairs and other places of assembly.
- Contact local fire authority for fireworks displays. Contact the Office of State Fire Marshal for required permits.
- Jails, Detention and Correctional Facilities.
 - Natural cut Christmas trees shall be prohibited in jails, detention and correctional facilities.
 - Exception:** With approval of the fire code official, Natural cut Christmas trees may be placed in common areas protected by an approved automatic sprinkler system.

Other References: NFPA 101