

KEEP OUR CAMPUS **FIRE SAFE** GUIDEBOOK

SAFETY CONCERNS

Common Safety Infractions

- Improper storage in mechanical rooms, including interference to fire protection system components
- Compromised egress paths
- Excess combustible storage including no organization of storage

Examples of Unsafe Storage Methods

Specific code numbers may be found under “Regulations”



VISION OF GOOD

Safety Standards

- Proper storage in designated areas, away from fire safety systems
- Clear, unobstructed pathways
- Devoid of all combustible materials

Examples of Safe Mechanical Rooms

Specific code numbers may be found under “Regulations”



Section 304 Combustible Waste Material

- (1) 304.1 Waste accumulation prohibited. Combustible waste material creating a fire hazard shall not be allowed to accumulate in buildings or structures or upon premises.
- (a) 304.1.1 Waste material. Accumulations of wastepaper, wood, hay, straw, weeds, litter or combustible or flammable waste or rubbish of any type, including but not limited to asphalt shingles, shall not be permitted to remain on a roof or in any court, yard, vacant lot, alley, parking lot, open space, or beneath a grandstand, bleacher, pier, wharf, manufactured home, recreational vehicle or other similar structure.
- (b) 304.1.2 Vegetation. Weeds, grass, vines or other growth that is capable of being ignited and endangering property, shall be cut down and removed by the owner or occupant of the premises. Vegetation clearance requirements in urban-wildland interface areas shall be in accordance with the International Wildland-Urban Interface Code as listed in rule 1301:7-7-80 of the Administrative Code.
- (c) 304.1.3 Space underneath seats. Spaces underneath grandstand and bleacher seats shall be kept free from combustible and flammable materials. Except where enclosed in not less than 1-hour fire-resistance-rated construction in accordance with the building code as listed in rule 1301:7-7-80 of the Administrative Code, spaces underneath grandstand and bleacher seats shall not be occupied or utilized for purposes other than means of egress.
- (2) 304.2 Storage. Storage of combustible rubbish shall not produce conditions that will create a nuisance or a hazard to the public health, safety or welfare.
- (3) 304.3 Containers. Combustible rubbish, and waste material kept within or near a structure shall be stored in accordance with paragraphs (D)(3)(a) (304.3.1) to (D)(3)(d)(304.3.4) of this rule.
- (a) 304.3.1 Spontaneous ignition. Materials susceptible to spontaneous ignition, such as oily rags, shall be stored in a listed disposal container. Contents of such containers shall be removed and disposed of daily.

Sections on Room Specifications and Egress Paths

- (3) 315.3 Storage in buildings. Storage of materials in buildings shall be orderly and stacks shall be stable. Storage of combustible materials shall be separated from heaters or heating devices by distance or shielding so that ignition cannot occur.
- (a) 315.3.1 Ceiling clearance. Storage shall be maintained 2 feet (610 mm) or more below the ceiling in nonsprinklered areas of buildings or not less than 18 inches (457 mm) below sprinkler head deflectors in sprinklered areas of buildings.
- (b) 315.3.2 Means of egress. Combustible materials shall not be stored in exits or enclosures for stairways and ramps.
- (c) 315.3.3 Equipment rooms. Combustible material shall not be stored in boiler rooms, mechanical rooms, electrical equipment rooms or in fire command centers as specified in paragraph (G)(1)(e)(508.1.5) of rule 1301:7-7-05 of the Administrative Code.
- (6) [BE] 1003.6 Means of egress continuity. The path of egress travel along a means of egress shall not be interrupted by a building element other than a means of egress component as specified in this rule. Obstructions shall not be placed in the minimum width or required capacity of a means of egress component except projections permitted by this rule. The minimum width or required capacity of a means of egress system shall not be diminished along the path of egress travel.
- (f) 901.4.6 Pump and riser room size. Where provided, fire pump rooms and automatic sprinkler system riser rooms shall be designed with adequate space for all equipment necessary for the installation, as defined by the manufacturer, with sufficient working space around the stationary equipment. Clearances around equipment to elements of permanent construction, including other installed equipment and appliances, shall be sufficient to allow inspection, service, repair or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly. Fire pump and automatic sprinkler system riser rooms shall be provided with a door(s) and an unobstructed passageway large enough to allow removal of the largest piece of equipment.