



# Sioux Falls Fire Rescue



Fire Prevention Division  
224 W. 9<sup>th</sup> Street  
Sioux Falls, SD 57104

Phone 605-367-8093  
Fax 605-367-8138

---

## Lumberyard Businesses

The following Fire Code requirements are specific for Lumberyard occupancies and should be used as a *supplement* to the "**Commercial Business Fire and Life-Safety Checklist**".

### PORTABLE FIRE EXTINGUISHER

- One 2-A:20B:C fire extinguisher per 75 ft. of travel.
- Extinguishers serviced and tagged annually by a third party.
- Extinguishers shall be mounted at least 4 inches off the floor and no higher than 5ft to top of handle, be visible  
and have unobstructed access.
- Hot Work. One 2-A:20B:C rating within 30ft of the location where hot work is performed.
- Battery charging. One 4-A:20-B:C rating within 20 ft. of battery charger.
- Fire Extinguisher or standpipes and hose shall be provided within 50ft of travel to any machine producing shavings or sawdust  
with a rating of 4-A:80B:C
- An approved hydrant and hose system or portable fire-extinguisher shall be provided for open storage yards, travel distance  
shall not exceed 75ft.

### FIRE SPRINKLERS AND ALARMS SYSTEM (If equipped)

- Fire Suppression (Sprinkler) System maintained, inspected, cleaned and tested at least annually and Fire Alarm  
Control system shall be maintained and inspected quarterly by a Fire Protection Systems contractor or authorized technician.
- There shall be 6 spare sprinkler heads for each type and a sprinkler head wrench present in a cabinet near the  
sprinkler riser.
- 3ft unobstructed access to the Fire Department Connection shall be maintained at all times.
- No decoration or attachments are allowed on sprinkler piping or heads.
- Ceiling clearance. 18 inch clearance required below sprinkler head and 2ft clearance for unsprinkled buildings.

### FIRE LANES/FIRE HYDRANTS/FIRE DEPARTMENT CONNECTIONS (FDC) & EQUIPMENT

- Access road shall allow fire trucks to within 150 ft. of all portions of the building if unsprinkled and 300 ft. if equipped  
throughout with sprinkler system. Access road shall be a minimum of 20ft wide and height clearance of 13ft 6 inches.
- 3 ft. clear unobstructed access to fire hydrants and fire protection equipment shall be maintained at all times.

## **EMERGENCY FIRE DEPARTMENT ACCESS**

- Fire Department key box shall be installed on all buildings utilized for high-pile combustible storage and all buildings  
equipped with fire protection systems including automatic fire sprinklers and fire alarm systems.

## **MEANS OF EGRESS**

### **Exits- Doors and Aisles**

- Fire doors and smoke barrier doors shall not be blocked, obstructed or otherwise made inoperable.
- Swinging fire doors shall close and latch automatically.
- Horizontal and vertical sliding and rolling fire doors shall be inspected and tested annually.
- Exit doors, aisles, corridors and stairs are free of obstructions and storage.
- Exit doors shall be unlocked during business hours.

### **Exit Signs and Emergency lighting/Egress Lighting**

- Exit signs are illuminated and the battery backup functions properly and Emergency lights operate.
- Furnishings, storage or decorations shall not obscure the exit signs and Emergency Egress Lights.
- Exit signs shall be installed, maintained and visible.
- Test Emergency Egress Lights on a monthly basis to ensure batteries and bulbs work.

## **ELECTRICAL SAFETY**

- Electrical panels shall have a 3 ft. clear space in front and doors shall be closed and latched.
- Unapproved conditions; Exposed wiring, open outlet/junction box cover plates missing are prohibited.
- Power strips are UL 1363 listed and plugged directly into permanent outlets.
- Extension cords shall not be used in place of permanent wiring for lighting, affixed to structures, extended  
through walls, ceilings or floors or under doors or floor coverings.
- Sources of ignition shall be not be located within 18 inches of the floor.

## **HOUSEKEEPING**

- Combustible waste material creating a fire hazard shall not be allowed to accumulate in buildings or structures  
or upon premises. A few examples of accumulation waste: wastepaper, wood, weeds/vegetation, litter, combustible or flammable waste or rubbish of any type shall not be permitted.
- Clearance between ignition sources, such as furnaces, water heaters, flame-producing devices and combustible materials shall  
be a minimum of 4 feet(ft.).
- Storage of combustible materials in buildings shall be orderly and not obstructing means of egress and outside storage shall  
not be located within 10ft of a property line.
- Outside storage of combustible materials shall not exceed 20 ft. in height and not stored underneath high-voltage lines.
- 4" minimum tall address numbers shall be plainly visible from the street that stands out from the background.
- Smoking, the use of heating, open flame devices or spark producing equipment is prohibited in areas where combustible dust  
is generated, stored or handled.

- Accumulation of combustible dust shall be kept to a minimum in the interior of buildings. Combustible dust shall be collected by vacuum or other means that doesn't suspend it in the air. Forced air or similar methods shall not be used to remove dust from surfaces.
- The entire plant shall be thorough cleaned at sufficient intervals to prevent the accumulation of combustible dust.
- Idle pallets(not being used) shall not exceed 6ft in height off the floor in unsprinkled buildings.
- Compressed gas cylinders shall be capped, secured and protected from physical and vehicle damage.