



# Sioux Falls Fire Rescue



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

Phone 605-367-8093  
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## Repair Garage Businesses

The following Fire Code requirements are specific for **Repair Garage** 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.
- Fuel fired vehicles operating in the tire storage yard shall be equipped with a 2-A:20-B:C rated portable Fire Extinguisher.

### **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.
- Maintenance and testing records are maintained at the facility and available for review by fire officials.
- 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.

### **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.

## **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 clearance height of 13ft 6 inches.
- 3 ft clear unobstructed access to fire hydrants and fire protection equipment shall be maintained at all times.

## **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.
- Oily rags shall be stored in a listed container (noncombustible and meet UL 32) and emptied daily.
- Clearance between ignition sources, such as furnaces, water heaters, flame-producing devices and combustible

materials shall be a minimum of 4 feet(ft).

- Display of highly combustible goods; flammable or combustible liquids or gas, oxidizers shall not be within 5 feet of entrances to exits and exterior exits doors.
- 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.
- Tires & idle pallets(not being used) shall not exceed 6ft in height off the floor in unsprinkled buildings.
- Tire storage piles shall not be located beneath electrical power lines having voltage exceeding 750 volts.
- Outside tire storage piles shall not exceed 5,000 sq ft or 50,000 cu ft in volume or 10 ft in height
- Tire storage piles shall be located at least 50 ft from lot lines and buildings.
- Fire breaks. Storage yards shall be maintained free from combustibles ground vegetation(grass/weeds) for a distance of 40ft and 100ft brush and forested areas.
- Oxygen and acetylene cylinders in storage shall be separated by not less than 20ft.
- Compressed gas cylinders shall be capped, secured and protected from physical and vehicle damage.

#### **ELECTRICAL (605-367-8250) & MECHANICAL (605-367-8252) INSPECTIONS**

- A licensed mechanical contractor with the City Of Sioux Falls is required to install or service waste oil burning appliances. Final inspections are required prior to the waste oil appliance being energized.
- Contract with a City of Sioux Falls licensed electrical contractor to correct **all** electrical code violations and electrical safety hazards. Once the electrical contractor has completed all electrical code and safety hazards, the electrical contractor must request an electrical inspection through the Sioux Falls Electrical Inspection department.

#### **SOUTH DAKOTA STATE INSPECTION**

- Boiler Inspection due every 2yrs, SD-POC Ira Hinkle, Ira8144@live.com, 605.877.4094