



Sioux Falls Fire Rescue



Fire Prevention Division
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Sioux Falls, SD 57104

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Fire & Life-Safety Checklist: Dry Cleaning Operations

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

CLASSIFICATION

- Dry cleaning solvents/systems shall be classified according to their flash point temperature listed on the MSDS as follows:

Class I: below 100 degrees Fahrenheit. (**Prohibited**)

Class II: between 100 and 140 degrees Fahrenheit.

Class IIIA: between 140 and 200 degrees Fahrenheit.

Class IIIB: above 200 degrees Fahrenheit.

Class IV: classified as nonflammable. (exp. "Perc")

PORTABLE FIRE EXTINGUISHERS

- Class II, IIIA and IIIB systems require a minimum of (2) 2A:10BC portable fire extinguishers located near exit doors.
- Extinguishers are visible, readily accessible, and mounted no higher than 5 ft. above the floor to the top of the handle.
- Extinguishers are serviced and tagged **annually** by a fire extinguisher service contractor.

AUTOMATIC SPRINKLER SYSTEMS

- Required systems are maintained, tested and tagged **annually** by an automatic sprinkler systems contractor.
- Sprinkler pipe, heads and other appurtenances are free of decorations and/or attachments.
- Defective or compromised sprinkler heads (recalled, corroded, painted) are replaced.
- 18" of clear space is maintained below sprinkler heads.
- Maintenance and testing records are maintained at the facility and available for review by fire officials.
- Spare sprinkler heads and wrenches are present in sprinkler cabinets located near the fire riser/s.

FIRE ALARM AND DETECTION SYSTEMS

- Required systems are maintained in normal operation, and are tested within the approved schedule by a “qualified person” as defined in the SFFR Policy Bulletin 09-22.

MEANS OF EGRESS

- Type II dry cleaning rooms shall have not less than two means of egress doors located at opposite ends of the room, at least one of which shall lead directly to the outside.
- Exit doors, aisles, corridors and stairs are free of obstructions and storage.
- Exit and egress doors are prohibited from having special locking mechanisms that could delay an emergency egress such as special fasteners, chains, or deadbolts.
- Exit signs are visible, illuminated and the battery backup functions properly.
- Emergency lights are visible and operate.

FIRE-RESISTANCE-RATED CONSTRUCTION

- The required fire-resistance rating of fire-resistance-rated construction shall be maintained.
- Opening protectives (fire doors) shall be maintained in an operative condition in accordance with NFPA 80.
- Horizontal and vertical sliding and rolling fire doors shall be inspected ***annually***.
- Flammable vapor vent opening protectives shall be maintained. Fusible links shall be replaced promptly whenever fused or damaged.

PROTECTION OF OPERATIONS

- Electrical wiring and equipment in dry cleaning rooms or other locations subject to flammable vapors shall comply with chapter 21 of the Fire Code and NFPA 70.
- All dry cleaning equipment, appliances and appurtenances, where not inherently electrically conductive, shall be bonded together and grounded.
- If multiple solvents are used, equipment shall display the manufacturer’s nameplate indicating the class of solvent for which each machine is designed.
- Filter residue and other residues containing solvent shall be handled and disposed of in covered metal containers.
- Lint and refuse shall be removed from traps daily, deposited in listed waste containers, removed from the premises, and disposed of safely.

If you have additional questions concerning fire inspections, please contact us at 367-8093.