



INSPECTION CHECKLIST
FOR SPRAY BOOTH

1994 U.F.C.

- 1) **[4502.1] [LOCATION]** - Of spray-finishing operations (A)-assemblies, (E)-educational, (I)-institutional, (R)-Residential occupancies must be protected by an automatic system.
- 2) **[4502.2.1] [MATERIALS]** - Constructed of steel (.044) inch thick or other approved non-combustible materials.
- 3) **[4502.2.4] [FLOORS]** - Non-combustible materials must provide safe cleaning.
- 4) **[4502.2.6] [DEFLECTOR]** - Frontal area larger than 9 square feet and not equipped with door must have a metal deflector not less than 4-1/2 inches deep.
- 5) **[4502.2.7] [SEPARATION]** - Minimum area of 3 feet.
- 6) **[4502.2.8] [CLEAR SPACE]** - Minimum of 3 feet, and keep free of storage and/or combustible materials.
- 7) **[4502.2.10] [EXIT DOORS]** - Not less than 2' x 6"/6' x 8".
- 8) **[4502.3.3] [FILTER DISPOSAL]** - Discarding of filter pads, to be removed immediately or placed in a water-filled container.
- 9) **[4502.4.3] [ELECTRICAL EQUIPMENT]** - Class 1, Division 1, equipment required.
- 10) **[4502.4.3.3] [PORTABLE ELECTRICAL LAMPS]** - Not permitted during spraying operations. If used during cleaning or repairing operations, must be of the type used for hazardous locations.
- 11) **[4502.5.1] [GENERAL]** - Spraying equipment shall be interlocked with the ventilation system, working while spraying.
- 12) **[4502.5.3] [INDEPENDENT DUCTS]** - Each booth must have its own exhaust system. Multiple spray booths may use same duct system if identical spray-material is being used.
- 13) **[4502.5.4] [FAN MOTORS AND BELTS]** - Not installed inside booths or ducts, including belts. Okay, if tightly enclosed.
- 14) **[4502.5.6.1] [CLEARANCE]** - Ducts and combustible material 18 inches clear of all combustibles.
- 15) **[4502.7.5] [VALVES]** - Hose shut off valves up-stream of hose system.
- 16) **[4502.7.8] [BONDING]** - Containers two (2) or more, bonded together and grounded.
- 17) **[4502.8.2] [EXTINGUISHERS]** - U.F.C. Standard 10-1, (4A-40BC of minimum 30 ft.) (4A-80BC of minimum, 50 ft.)
- 18) **[4502.9.2] [TOOLS]** - Shall be of non-sparking material.
- 19) **[4502.9.4.1.3] [SOLVENTS]** - Ventilating equipment must be operating when solvents are being used.
- 20) **[4502.10.2.2.2] [DRYING APPARATUS]** - Shall be of the portable infrared type and explosion-proof.
- 21) **[4502.10.3] [NO OPEN FLAME]** - Equipment can be used for drying.
- 22) **[4503.5.1] [GENERAL]** - Open flames and spark-producing devices shall not be located within 20 feet of booths.

SPRINKLER SYSTEMS:

- 1) **[U.B.C. Standard 38-1] [AUTOMATIC SPRINKLERS]** - System shall be separated from any building sprinkler or domestic system by a [Sectional Valve].
 - (a) One (1) sprinkler head for every 90 square feet.
 - (b) Sprinklers shall not be located greater than 6 feet from end and side walls.
 - (c) Sprinklers shall not be located greater than 12 feet apart.
 - (d) Sprinkler heads shall be protected by paper or plastic.