

## **FIRE REGULATIONS**

### **REGULATIONS GOVERNING EXHIBITS AND DISPLAYS IN PUBLIC BUILDINGS**

#### **DISPLAY MATERIALS**

1. The following materials shall be flameproof if used for display or decorative purposes: Artificial flowers or foliage, plastic materials, split wood and bamboo fibres, textiles, paper (cardboard or compressed paperboard less than 1/8" in thickness is considered to be paper). Wallpaper is permissible if pasted securely to walls or wall board backing. Foam plastic cored art board shall be coated on all sides with a fire retardant paint, or varnish. Edges to be encased in a metal "U" channel or metal "muffler" tape. Tape must extend at least 3/8" on face and reverse of board.
2. The use of the following materials shall be prohibited: Acetate fabrics, corrugated paper box boards, no-seam paper, paper backed foil, unless glued securely to suitable backing.
3. It is not necessary to flameproof textiles, paper and other combustible merchandise on display for sale, but the quantity so used shall be limited to the displaying of one salvageable length. Each sample must differ in colour, weave or texture.

#### **FLAME PRODUCING DEVICES**

All exhibits having open flame devices must be accepted by the Fire Department. The general rules are:

1. Flame shall not be used solely to attract attention.
2. Exhibits utilizing flame producing devices must be attended at all times.
3. The use of an open flame is limited to certain articles of merchandise where the operation of an approved appliance or device definitely helps to promote the sale of such equipment.
4. Where candles are offered for sale, not more than four candles may be lighted at any one time, and they must be shielded by hurricane type chimneys. If glass contained candles are lighted, the flame must not extend above the rim of the container.

#### **FLAMMABLE GAS**

1. 1x5 lb. propane cylinder only as approved under the Propane Storage, Handling and Utilization Code for demonstration purpose. When a cylinder is used with a self-contained propane hand torch or similar equipment it shall have a maximum WC of 2 1/2 lbs
2. Equipment must be set up as remote as possible from public aisles, and installed in a manner to comply with approved safety standards.
3. 1x40 cu. ft. cylinder of acetylene will be permitted for use in Arts & Crafts type displays and for demonstration purposes

#### **AEROSOLS**

1. It is permissible to exhibit one pressurized container, not exceeding one pint capacity of each product classified as a flammable liquid.
2. Non-flammable products are not restricted.

#### **VEHICLES**

1. Motor vehicles or gasoline-powered equipment on display must be equipped with lock-on type gasoline tank caps, and batteries are to be disconnected. Gasoline tanks must not be filled beyond the 3/4 mark in order to allow for expansion of product. Vehicles unable to be equipped with lock-on type caps must have caps sealed in a manner acceptable to the Fire Department.
2. Running of display vehicles during exhibit is prohibited unless approved by the Fire Department.
3. Shows requiring vehicles to run as part of a performance or contest must fill vehicle outdoors from approved safety containers.
4. Propane charged cylinders are not permitted on self-propelled vehicles or trailers on display inside buildings.
5. If at any time an Inspector deems that equipment is being operated in a manner dangerous to public safety, he shall cancel the privilege of the exhibitor concerned.

#### **DISPLAY LAYOUT**

1. Display must not encroach on exit doorways.
2. No portion of a display shall project into any aisle as designated for the show concerned.
3. The aisle clearance at the bottom and top of a stairway shall be equal to the width of the stairway. Access to exits shall be maintained clear.
4. Where the occupant load exceeds 200 persons in the assembly occupancy containing non-fixed seating, the seats shall be fastened together in units not less than 4 or more than 12, or each end seat abutting an aisle shall be securely fastened to the floor if the area is enclosed, approved illuminated EXIT signs are required.

5.
  - a) If fire protection equipment is located within the exhibit space, it shall be the responsibility of the Show Management to provide direct and unobstructed access to such equipment.
  - b) A fire extinguisher bearing the Underwriters' Laboratories of Canada designation 2-A shall be provided and maintained for each 3000 square feet of floor area.
  - c) In every eating establishment wherein cooking is conducted, there shall be provided and maintained therein, one dry chemical fire extinguisher bearing the Underwriters' Laboratories of Canada Designation 40-BC.
  - d) In every eating establishment and exhibit or display in which commercial cooking equipment producing grease-laden vapours are used, the cooking equipment shall be installed and exhaust ventilated in conformance with the requirements of the Ontario Building Code.
  - e) An approved fire extinguisher must be installed in exhibit areas where flame producing devices are used, or when required by an Inspector.
6. Hay, straw, shredded paper and excelsior packing must be removed from the building unless it can be returned to tightly closed packing containers.
7. Any enclosed showroom with an excess of 2,000 sq. ft. or an occupancy of 60 persons must have two means of egress as remote as possible.
8. Boxes, crates and cartons from which merchandise has been removed, must be piled neatly in a storage area designated by Show Management.
9. Separation- A minimum of 20 feet wide separation shall be provided between any non-sprinklered, covered areas of over 200 square feet. Non-sprinklered areas of under 200 square feet will be determined based on combustible load and subject to approval by the operations department.
10. Protection- Protection criteria for the covered areas which create the potential for obstruction of the buildings sprinkler system.
  - a) The area of covered portion of a booth or the area of roofed area or platform which covers the floor area below.
  - b) The protection required for covered areas up to 200 square feet and between 200 and 800 square feet will depend on the use and the occupancy conditions within that area. Appropriate protection may include any or a combination of the following provisions:
    - I. A trained security guard to monitor against unsafe conditions;
    - II. Smoke alarms within the covered areas;
    - III. Additional hand fire extinguishers;
    - IV. Sprinkler protection;
  - c) This sprinkler protection need not be separately alarmed.
  - d) The protection required for covered areas over 800 square feet will have proper sprinkler coverage.
  - e) Exhibition booths with flame retardant fabric canopies not to exceed 200 square feet.

To pass materials: Hold materials to be tested in vertical position, apply flame to the lower edge for a minimum of twelve (12) seconds. To pass a test of satisfactory resistance to flame spread, a material should not continue to flame for more than two (2) seconds after the test flame is removed.

11.
  - a) Each exhibitor displaying an ICF product must provide proof that they have obtained a valid CCMC Evaluation Report as issued by the NRC's Canada Construction Materials Centre in Ottawa.
  - b) Each exhibitor agrees to adhere to the maximum booth size and 8' height limitations provided these are no different from the spaces afforded to other non-ICF exhibitors. No ceiling structures allowed.
  - c) CF exhibitors must be dispersed throughout the show floor minimum 60ft apart
  - d) All ICF exhibitors must have a certified in working order Class (ABC) fire extinguisher suitable for extinguishing combustible solid material in their booth at all times.
  - e) Electrical boxes run for show purposes must not be in direct contact with any of the foam product.
  - f) All lighting modules forming part of booth displays must be installed in such a manner that no light source is closer than 2 feet from foam.
  - g) The backsides of all walls must be covered with drywall allowing front surfaces to be exposed.
  - h) Must pass 12 second flame test.