

## U.S. Fire Administration / National Fire Academy

*Coffee Break Training***Topic: Egress from Retail Consumer Firework Salesrooms**

**Learning objective:** The student shall be able to identify minimum egress requirements from consumer fireworks retail sales facilities.

In some areas, year-round retail consumer firework (1.4G) sales occur in permanent facilities. These buildings should meet fundamental safety rules to assure customers and employees can escape in a timely fashion.

The model fire codes refer to NFPA 1124, *Code for the Manufacture, Transportation, Storage and Retail Sales of Fireworks and Pyrotechnic Articles*, for guidance on egress requirements.

**Aisles**

- Aisles should have a minimum clear width of 48 inches (1.2 m) and be unobstructed at all times the facility is occupied by the public
- At least one aisle should be provided and arranged so that travel along the aisle leads directly to an exit. Other required exits should be located at, or within 10 feet (3.05 m) of, the end of an aisle or a cross-aisle.
- Dead-end aisles should be prohibited.
- Aisles should terminate at an exit, another aisle, or a cross-aisle.

**Doors**

- Egress doors should be not less than 36 inches (910 mm) in width with a minimum of 32 inches (813 mm) clear width.
- Every egress door that has a latching device should be provided with panic hardware.
- Doors should be of the side-hinge swinging type and should be arranged to swing in the direction of egress travel.

**Exit Signs**

- Exits should be marked by an approved exit sign, and signs should be self-luminous or internally or externally illuminated.

**Egress and Emergency Lighting**

- The means of egress, including the exit discharge, should be illuminated whenever the facility is occupied.
- Emergency lighting should be provided.

For additional information, refer to *International Fire Code*<sup>®</sup>, Chapter 33; NFPA 1, *Uniform Fire Code*<sup>™</sup>, Chapter 65; or NFPA 1124, *Code for the Manufacture, Transportation, Storage and Retail Sales of Fireworks and Pyrotechnic Articles*.