

Western Michigan University Campus Facilities

Design Guidelines for Construction:

DESIGN GUIDELINE DG10-25 Fire Extinguishers & Cabinets

1. GENERAL

Fire Extinguishers shall be installed in all facilities on University property in accordance with NFPA 10.

1.1 Design

- Fire Extinguishers installed in hallways or exits shall be in cabinets. All cabinets are to be red.
- Wall mounted extinguishers shall be positioned 40" above the floor, and be located where visible or have directional signage. Avoid areas where they will conflict with movement of personnel or placement of equipment.
- Surface mounted units shall not project more than 4" from the wall to comply with ADA.

1.2 Performance Standards

- All units are to be UL rated for the type of fire area in which they are placed.

2. PRODUCTS

2.1 Fire Extinguisher Cylinders

- Type: Water, carbon dioxide or dry chemical, depending on the fire area classification.
- Dry Chemical fire extinguishers shall have steel cylinders with a flat base, heavy duty all metal valves and metal brackets. No plastic components are permitted.
- Acceptable Manufacturers: Amerex only

2.2 Fire Extinguisher Cabinets

- Prefinished steel cabinet with flush door and glass window.
- At Residence halls, provide alarm on cabinet.
- Acceptable Manufacturers: Amerex