

MESA CONVENTION CENTER

MESA FIRE & MEDICAL

Fire Safety Regulations

for Show Managers



General Rules

1. In the Palo Verde Ballroom, there must be a minimum of 2 exits on each side of the room.

1007.1.1 Two exits or exit access doorways.

Where two exits, exit access doorways, exit access stairways or ramps, or any combination thereof, are required from any portion of the exit access, they shall be placed a distance apart equal to not less than one-half of the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between them. Interlocking or scissor stairways shall be counted as one exit stairway.

Where a building is equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2, the separation distance shall be not less than one-third of the length of the maximum overall diagonal dimension of the area served.

1029.3 Assembly other exits.

In addition to having access to a main exit, each level in a building used for assembly purposes having an occupant load greater than 300 and provided with a main exit, shall be provided with additional means of egress that shall provide an egress capacity for not less than one-half of the total occupant load served by that level and shall comply with 1007.1. In a building used for assembly purposes where there is not a well-defined main exit or where multiple main exits are provided, exits for each level shall be permitted to be distributed around the perimeter of the building, provided that the total width of egress is not less than 100 percent of the required width.

2. No objects are to be within 6 feet of an exit.

1003.6 Means of egress continuity.

The path of egress travel along a means of egress shall not be interrupted by a building element other than a means of egress component as specified in this chapter. Obstructions shall not be placed in the minimum width or required capacity of a means of egress component except projections permitted by this chapter. The minimum width or required capacity of a means of egress system shall not be diminished along the path of egress travel.

3. If an "additional" exit is blocked after assuring minimum exiting requirements are met per IFC Section 1007 in a particular configuration, the exit signage shall be covered to avoid confusion with approved and accessible exits.

4. Audio visual and communication cords must be taped down to the floor if they are in foot traffic paths to prevent tripping.

4a. Electrical extension cords may not be taped down in foot traffic paths.

604.5 Extension cords.

Extension cords and flexible cords shall not be a substitute for permanent wiring and shall be listed and labeled in accordance with UL 817. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances. Extension cords marked for indoor use shall not be used outdoors.

604.4 Multiplug adapters.

Multiplug adapters, such as cube adapters, unfused plug strips or any other device not complying with NFPA 70 shall be prohibited.

604.4.1 Power tap design.

Relocatable power taps shall be of the polarized or grounded type, equipped with overcurrent protection, and shall be listed in accordance with UL 1363.

604.4.2 Power supply.

Relocatable power taps shall be directly connected to a permanently installed receptacle

Fire Extinguishers and Availability**906.6 Unobstructed and unobscured.**

Portable fire extinguishers shall not be obstructed or obscured from view. In rooms or areas in which visual obstruction cannot be completely avoided, means shall be provided to indicate the locations of extinguishers.

Theatre/Classroom Sets

There must always be 7 chairs from an aisle.

If theatre seating exceeds 19 rows, there shall be a cross aisle.

1029.8 Common path of egress travel.

The common path of egress travel shall not exceed 30 feet (9144 mm) from any seat to a point where an occupant has a choice of two paths of egress travel to two exits. Minimum aisle is 4 feet in width, minimum cross aisle is 6 feet in width.

BE]1029.9 Assembly aisles are required.

Every occupied portion of any building, room or space used for assembly purposes that contains seats, tables, displays, similar fixtures or equipment shall be provided with aisles leading to exits or exit access doorways in accordance with this section.

1029.9.1 Minimum aisle width.

The minimum clear width for aisles shall comply with one of the following:

1. Forty-eight inches (1219 mm) for stepped aisles having seating on both sides.

Exception: Thirty-six inches (914 mm) where the stepped aisles serve less than 50 seats.

2. Thirty-six inches (914 mm) for stepped aisles having seating on only one side.

Exception: Twenty-three inches (584 mm) between a stepped aisle handrail and seating where a stepped aisle does not serve more than five rows on one side.

3. Twenty-three inches (584 mm) between a stepped aisle handrail or guard and seating where the stepped aisle is subdivided by a mid-aisle handrail.

4. Forty-two inches (1067 mm) for level or ramped aisles having seating on both sides.

Exceptions:

1. Thirty-six inches (914 mm) where the aisle serves less than 50 seats.
2. Thirty inches (762 mm) where the aisle serves fewer than 15 seats and does not serve as part of an accessible route.
3. Thirty-six inches (914 mm) for level or ramped aisles having seating on only one side.
Exception: Thirty inches (762 mm) where the aisle serves fewer than 15 seats and does not serve as part of an accessible route.
4. Minimum distance between rows of 14 or fewer seats shall be not less than 12".

1029.13.2 Clear width of aisle accessways serving seating in rows.

Where seating rows have 14 or fewer seats, the minimum clear aisle accessway width shall be not less than 12 inches (305 mm) measured as the clear horizontal distance from the back of the row ahead and the nearest projection of the row behind. Where chairs have automatic or self-rising seats, the measurement shall be made with seats in the raised position. Where any chair in the row does not have an automatic or self-rising seat, the measurements shall be made with the seat in the down position. For seats with folding tablet arms, row spacing shall be determined with the tablet arm in the used position.

Exception: For seats with folding tablet arms, row spacing is permitted to be determined with the tablet arm in the stored position where the tablet arm when raised manually to vertical position in one motion automatically returns to the stored position by force of gravity.

Banquet Style Seating

1. Minimum distance between table and wall and from table to table is 4 feet.
See IFC 1029.9.1 listed on page 4.
2. Tables seat 8 guests per table.

1029.13.1.1 Aisle accessway capacity and width for seating at tables.

Aisle accessways serving arrangements of seating at tables or counters shall comply with the capacity requirements of Section 1005.1 but shall not have less than 12 inches (305 mm) of width plus 1/2 inch (12.7 mm) of width for each additional 1 foot (305 mm), or fraction thereof, beyond 12 feet (3658 mm) of aisle accessway length measured from the center of the seat farthest from an aisle.

Exception: Portions of an aisle accessway having a length not exceeding 6 feet (1829 mm) and used by a total of not more than four persons.

Expo Arrangements

1. Vendors shall be within their booths. No objects shall be placed outside a booth and in aisle space.

1003.6 Means of egress continuity.

The path of egress travel along a means of egress shall not be interrupted by a building element other than a means of egress component as specified in this chapter. Obstructions shall not be placed in the minimum width or required capacity of a means of egress component except

projections permitted by this chapter. The minimum width or required capacity of a means of egress system shall not be diminished along the path of egress travel.

2. Minimum aisle shall be 6 feet. Average shall be 8 feet. 1003.6
3. Fire lane must be clear. (8 feet) 1003.6
4. Fire lane shall have a clear line of sight from exit to exit. 1031.4

1031.4 Exit signs.

Exit signs shall be installed and maintained in accordance with the building code that was in effect at the time of construction and the applicable provisions in Section 1104. Decorations, furnishings, equipment or adjacent signage that impairs the visibility of exit signs, creates confusion or prevents identification of the exit shall not be allowed.

Our goal is to assist you in having a successful event!

Your cooperation in maintaining safety in our buildings is appreciated.

Mesa Convention Center
263 N Center Street
Mesa, AZ 85201

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480-644-2171

mesaconventioncenter@mesaaz.gov

Please contact your
Event Coordinator
regarding specific questions
related to your event.