



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit Submittal Guideline

PLACES OF ASSEMBLY

This guide is to assist those in obtaining a permit to hold a place of assembly with an occupant load of 50 persons or greater as required by 105.5.41 of the IFC. Per IFC 203.2.2 (1), an assembly is a room or space used for assembly purposes with an occupant load of 50 people. Owners have the option to submit multiple set-up option(s) located within the same venue to be used over the course of one (1) year.

See IFC Section 803 for regulations governing artificial decorative materials and vegetation displays in new and existing buildings. A diagram of the event layout with fire safety features is also a permit requirement.

APPLICABLE CODES:

The following codes and standard apply to this permit:

- *International Fire Code, 2024 edition (IFC)*
- *Clark County Fire Code Amendments, 2024 edition (CCFC)*

SUBMITTAL REQUIREMENTS:

Consolidate PDF's and upload all documents to the PLAN ROOM. Submittals shall include the following information:

1. Egress analysis per IFC Chapter 10. Include Assembly Calculation for each room configuration and pre-function if being used. See Sample.
2. Overall floor plan (drawn to an indicated scale or properly dimensioned).
 - Seating arrangement and/or table and chair configurations.
 - Exits locations identified and labelled on plans as an EXIT with length in feet included.
 - Locations of fire protection equipment (e.g. extinguishers, fire alarm devices, hose cabinets, etc.)
3. Flame certificate for any decorative items to be displayed. Drapes, curtains, and textiles need to be verified as flame resistant. Items shall include a certificate of flame resistance that states compliance with the *Standard Methods of Fire Tests for Flame-propagation of Textiles and Films*, NFPA 701 or a California State Fire Marshall Approved certificate. A certificate is to be provided along with the plan. See CCFC section 323.3 for more information.
4. Set-up options for specific areas. (example; theater, banquet, standing only). Include a clear option numbering system.

Below is a sample assembly calculation.

ASSEMBLY CALCULATION	
Name and address of property	<i>Mega Resort #1 88888 Las Vegas Blvd South</i>
Usable floor area (ft²)	<i>20,000 ft²</i>
Calculated Occupant Load	<i>2,857 persons (ppl)</i>
Set up Information/Occupant Load Factor	<i>Theater (7)</i>
Set Load/Number of Tickets (if the event is ticketed)	<i>1,500 ppl</i>
Required exit width (ft)	<i>36 feet</i>
Actual exit width (ft)	<i>75 feet</i>
Exit Capacity(ppl)	<i>6,000 ppl</i>

EXAMPLE CALCULATIONS:

- OCCUPANT LOAD: 20,000 ft² (useable sq.ft.): ÷ 7(occupant load factor) = 2,875 ppl
- REQUIRED EXIT WIDTH: 2,875 (total occupant load) / 80 (type of exiting) = 36ft
- ACTUAL EXIT WIDTH= 75 (actual exit width in feet) x 80 (type of exiting) = 6,000 ppl

Please Note: Actual exiting must meet or exceed occupant load in order to approve the plans.

OCCUPANT LOAD FACTORS	
TYPE OF SPACE	FACTOR (ft²PER PERSON)
Fixed Seating (not movable)	Actual number of seats
Exhibit Floors	15 net
Tables and Chairs (e.g. dining and classroom)	15 net
Chairs Only	7 net
Standing Space (e.g. SRO, pits)	5 net
Stages and Platforms	15 net
Back Stage	200 gross
Kitchens	200gross
Business Centers / Office	100 gross
Storage / Bone Yard	500 gross
Net area excludes building components. Gross area is all within the walls.	

EXIT CAPACITY		
TYPE OF EXITING	MULTIPLIER	
Horizontal exiting (Door and Ramps)	80 persons per foot	based on 0.15 inch per person
Stairs	60 persons per foot	based on 0.25 inch per person

SPACING RULES:

The configuration of tables, chairs and booths are also regulated by the CCFC. This table summarizes the spacing rules:

Objects	Distance apart
Table edge to table edge.	6 feet
Aisles in front of booths	8 feet
Around high-top tables without chairs.	3 feet
Around high-top tables with chairs.	6 feet
Between up to 14 chairs set theater style.	1 foot
Between over 14 chairs set theater style	0.3 inch for every chair over 14 feet, but no more than 22-inches

PLEASE NOTE: Clark County Approved master egress plans supersede calculated occupant loads and exit capacity, so please review prior to submitting. These plans can be requested through the Clark County Records Department.