



# CLARK COUNTY DEPARTMENT OF BUILDING

## Fire Prevention Bureau

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**TITLE: PERMIT BY INSPECTION FOR TEMPORARY ASSEMBLIES FOR UP TO 1,200 PERSONS AND OCCUPANT LOAD NOT EXCEEDING 60% OF AVAILABLE EGRESS CAPACITY**

**SCOPE:** Clark County Fire Prevention Bureau (FPB) requirements for permits issued by FPB Inspectors for temporary assemblies in occupancies with attendees not exceeding 1,200 persons and occupant load not exceeding 60% of available egress capacity.

Note: Permit by inspection is one option for this permit; applicants are permitted to follow the exhibit and trade show guideline for plan submittal of this permit type as well.

Chemical fuel food warming devices (Sterno) are allowed without a separate new permit. Candles are not allowed under this type of permit unless permitted separately. Displayed vehicles are allowed if covered under a separate permit. Displayed vehicles are also eligible for a permit by inspection (a separate guideline will apply).

If other permits associated with the event are required, i.e. displayed vehicles, pyrotechnics, cryogenics, paint spray booths, open flame devices and oxidizers a “permit by inspection” cannot be issued. FPB Inspectors are not able to issue other associated permits without separate submittals having the required documentation. FPB inspectors will not be able to approve the event through the “permit by inspection” process if any of these unpermitted uses are occurring.

**PURPOSE:** To facilitate issuance of permits by inspection in venues that routinely have temporary events with actual occupancy of 1,200 attendees or occupant load less than or equal to 60% of the available egress capacity.

**DEFINITIONS:**

**Exit Capacity:** The number of persons that may use an exit as allowed by the Building / Fire Code or approved master egress plan (Code of Record for the building). For the purpose of the permit by inspection process, the exit capacity shall be based on 80 persons per linear foot of horizontal exit components and 60 persons per linear foot for stairs.

**Occupant Load:** The number of persons for which the means of egress of a building or portion thereof is designed. In the context of Temporary Assemblies, it is the code based Occupant Load rather than the planned number of occupants by number of tickets or attendees.

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**Permit by Inspection:** A permit that is issued after a completed application and fees are collected by the Clark County Fire Prevention Bureau (FPB) and an inspection is scheduled and successfully completed.

**PERMITS AND INSPECTIONS:**

Permit fees shall be assessed in accordance with the Permit Fee Schedule as adopted in the Clark County Fire Code.

The Applicant shall complete a permit application for a Temporary Assembly and indicate “permit by inspection” on the application. The permit application and the associated fees shall be submitted to Fire Prevention. Intake staff will input the information and print a permit.

The inspection must be rescheduled if there are no diagrams available.

**SPECIFICATIONS AND REQUIREMENTS:**

Permits issued for events under this method are issued after a field inspection by a FPB Inspector. Egress diagrams are not required in advance of the inspection, but must be presented to the FPB Inspector by a person in responsible charge for the event at the time of the inspection. Permits under this method will be issued for a single event only.

The drawing used to set up the event may be used as the egress diagram and shall be presented to the FPB Inspector at the time of the inspection. It shall be labeled to include the locations and widths of exits available from the venue under consideration for permit. It shall also include the occupant load of each area in under consideration for permit as calculated by the factors used in the approved Master Egress Plans or:

<b>FUNCTION OF SPACE</b>	<b>OCCUPANT LOAD PER FLOOR AREA (sq ft)</b>
Exhibition Floors	15 net *
Unconcentrated tables and chairs	15 net *
Concentrated chairs only	7 net*
Fixed seating	actual seat count
Standing space	5 net *
Stages and Platforms	15 net*

\*Net = remaining area excluding non-usable circulation space (e.g. space taken by décor, displays, props and the like)

The occupant load shall not exceed the exit capacity.

The occupant load shall be less than or equal to 60% of the available exit capacity.

See Appendix A for an example calculation:

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## INSPECTIONS SCHEDULING:

<http://www.clarkcountynv.gov> → Building → Fire Prevention → Inspection Schedule/Cancel Information.

**Note: You will need your application and number.**

Or call: (702) 455-7316

A fire inspector will review your site in accordance with the Clark County Fire Code and this guideline.

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**APPENDIX A  
TO ASSEMBLY PERMIT BY INSPECTION GUIDELINE**

**EXAMPLE EGRESS CALCULATION**

**Example Occupant Load Calculations:**

The Occupant Load is based on the area of the assembly space according to the following factors:

Standing space:	5 sq ft per person
Unconcentrated Seating / tables and chairs:	15 sq ft per person

Example:

Meeting Room with tables and chairs in 13,200 sq ft area and 800 sq ft of standing space at the bars :

$$\begin{aligned}\text{Occupant Load} &= (13,200 \text{ sq ft} \div 15 \text{ sq ft / person}) + (800 \text{ sq ft} \div 5 \text{ sq ft / person}) \\ &= 880 + 160 = \mathbf{1,040 \text{ persons occupant load}}\end{aligned}$$

1,040 persons is less than 1,200 and therefore a permit by inspection may be issued.

**Example Exit Capacity Calculation:**

Five sets of double doors distributed around the meeting room.

Assume six (6) feet of exit width per set of double doors:

$$5 \text{ sets} \times 6 \text{ feet} = 30 \text{ feet}$$

Stairs not used for exiting of this venue.

$$30 \text{ feet} \times 80 \text{ persons per foot} = \mathbf{2,400 \text{ exit capacity.}}$$

Exit capacity is greater than the occupant load:  $\mathbf{2,400 > 1,040}$

$$\mathbf{1,040 \text{ occupant load} \div 2,400 * 100 = 43 \%}$$

**The occupant load shall be less than or equal to 60% of the available exit capacity.**

$$\mathbf{43\% < 60 \%}$$