



CLARK COUNTY FIRE DEPARTMENT - FIRE PREVENTION BUREAU

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Permit By Inspector Guideline

VEHICLE DISPLAY IN ASSEMBLY OCCUPANCIES

This guide is to assist in the permitting process for the display of liquid, gas fueled, and electric vehicles in indoor assembly areas. A permit is required per IFC 105.5.28 to verify compliance with CCFC section 314.4. The number of vehicles displayed is not limited.

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)

PERMIT BY INSPECTOR ELIGIBILITY:

No items are required to be submitted for Permit by Inspector permit types. Plans must be available for inspector review at the time of inspection and designed to an architectural scale or with detailed dimensions. A printed copy or an electronic display (i.e., a tablet or I-Pad) shall be available to the inspector. Plans to show vehicle location within event space and include the following information;

VEHICLE DISPLAY INFORMATION SHEET:

PROJECT INFORMATION	
EVENT NAME:	
PROPERTY ADDRESS:	
EVENT LOCATION: ROOM NAME/FLOOR LEVEL	
MOVE IN /MOVE OUT DATES	
INSPECTION DATE/TIME	
# OF VEHICLES	

VEHICLE DISPLAY PLAN CHECKLIST:

PLAN PROVIDED SHOWING VEHICLE DISPLAY
• PLAN SHOWS 5FT CLEARANCE BETWEEN VEHICLES
• PLANS SHOW 5FT CLEARANCE FROM EXIT
NOTE TO INDICATE;
• BATTERIES DISCONNECTED
• FUEL TANK AND FILL OPENINGS HAVE BEEN SEALED
• FUEL IN FUEL TANK MEETS CODE OR IF ELECTRIC VEHICLE STATE OF CHARGE DOES NOT EXCEED 30%

VEHICLE DISPLAY INSPECTION CHECKLIST:

A permit is only issued after a complete onsite fire inspection. The items listed below must be available onsite and will be verified by your Clark County Fire Department Fire Inspector.

1.	The engine starting system shall be made inoperable, or ignition batteries are disconnected except where the Clark County Fire Inspector requires that the batteries remain connected to maintain safety features.
2.	Fuel in fuel tanks does not exceed any of the following: • Class I, II and III liquid fuels do not exceed one-quarter tank or 5 gallons (19 liters), whichever is less • LP-Gas does not exceed one-quarter tank or 6.6 gallons (25 liters), whichever is less • CNG does not exceed one-quarter tank or 630 cubic feet (17.8 cubic meters), whichever is less • Hydrogen does not exceed one-quarter tank or 2,000 cubic feet (57 cubic meters), whichever is less • Race vehicles or other vehicles that do not have fuel gauges and have sealed liquid fuel tanks, a qualified representative shall certify in writing on company letterhead that the tank will not exceed ¼ tank or 5 gallons (19 L), whichever is less
3.	Fuel tank and fill openings are closed and sealed to prevent tampering
4.	Vehicles, aircraft, boats or motor craft are not fueled or defueled within the building
5.	Vehicles shall not be driven or moved through occupied places of assembly unless coordinated and approval is obtained by the fire code official and staff on site.
6.	Each vehicle shall be separated from all other vehicles by a minimum of 5ft
7.	Vehicles shall be positioned no closer than 5ft from a required egress exit
8.	Electric vehicles including, but not limited to, Battery Electric Vehicles (BEV) and Plug-in Hybrid
9.	Electric Vehicles (PHEV) shall comply with the following: • High voltage battery pack(s) shall have a state of charge not exceeding 30% • Vehicle charging is prohibited • The number and capacity of the batteries shall be provided