



Clark County Department of Building & Fire Prevention

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Permit Type: 105.7.10
Control Number: A.0
Effective Date: 11/15/11

TITLE: LIQUEFIED PETROLEUM GAS

SCOPE: Clark County Department of Building & Fire Prevention requirements for a permit to store and/or use LPG

PURPOSE: To standardize plan/permit requirements of the Fire Prevention in accordance with the Clark County Fire Code. Permits are valid through the duration of construction. Work must commence within 180 days, and remain active with no period of inactivity exceeding 180 days, or the permit becomes invalid. It is the desire of the Fire Department to attempt to have just one permit of each type for each location. Insofar as possible, it is preferable to revise an existing permit of the same type rather than open another permit of the same type for the same address.

DEFINITIONS:

Assessor's Parcel Number (APN): A unique number assigned to each property by the Clark County Assessor's office.

Liquefied Petroleum Gas: A material which is composed predominantly of the following hydrocarbons or mixtures of them: propane, propylene, butane (normal butane or isobutene) and butylenes.

PERMIT FEES:

Permit fees shall be assessed in accordance with the Permit Fee Schedule as adopted in the Clark County Fire Code. For applications that are expedited, additional fees shall apply.

ANNUAL RENEWABLE PERMIT PROCEDURE:

After approval of your initial permit(s), your permit(s) will automatically set-up a renewal reminder. Approximately 30-60 days prior to the expiration of your permit, a renewal notice will be mailed to you with instructions for the annual permit renewal.

If you do not receive this notice, it is your responsibility to submit the renewal application. Please refer to the website for additional information.

SPECIFICATIONS AND SUBMITTAL REQUIREMENTS:

An application must be completed for each submittal. A minimum of three copies of plans shall be submitted with the permit application. The plans shall be drawn to an indicated scale. Plans shall show compliance in accordance with Chapter 38 of the Clark County Fire Code, as adopted and amended. Plans must show distance relationship between storage tanks, and other storage tanks, nearest habitable structure, property line, and public ways. On the plans, indicate the project name, address, and APN (Assessor's Parcel Number). All submittals must be legible and readable or the plan shall be issued a correction letter for cause.

- An annually renewable permit is required for all storage/use of LPG in excess of 30 gallons aggregate water capacity.
- For reference, the size tank normally used on a barbeque grill is nominally 5 gallon water capacity, the size tank normally used on a LPG powered forklift is nominally 8 gallons water capacity. Therefore a permit must be sought when storing and/or using more than 6 barbeque grill size tanks or more than 3 common forklift size tanks.

Exceptions:

- 1) Individual containers of 500 gallon water capacity or less serving occupancies in Group R-3 need not be renewed (however an initial permit is required).
 - 2) An LPG permit is required for any amount of LPG used for demonstration purposes in an assembly.
- Plans must include manufacturer's specifications for tank(s).
 - Plans must indicate whether tank is indoors or outdoors and whether it is above grade, buried or mounded. An outdoor tank, that is buried or mounded must be provided corrosion protection.
 - Plans must show that appropriate distance to building, public ways, property lines and other tanks, meet code requirements.
 - When LPG is being dispensed into a vehicle tank as a motor fuel, an additional motor fuel dispensing permit must be obtained.

PERMIT REVISIONS AND RESUBMITTALS:

Revisions to approved plans are required to be submitted and approved. Revisions will be assessed additional plan review fees. A copy of the previously approved plan shall accompany the revised submittal to facilitate the review. Clearly indicate all changes to the revised plans by clouding the change with a delta number to signify the date of plan change. When several changes have been made, a detailed list of changes is required.

Re-submittals to address a Letter of Correction will require a full submittal. These plans require a copy of the red lined plan from the previous submittal to facilitate the review. Clearly indicate all changes by clouding the change with the delta number to signify the date of plan change.

PLANS CHECK STATUS INSTRUCTIONS:

The status of the review can be checked by logging on to:

www.clarkcountynv.gov/building/fire-prevention

INSPECTIONS THAT MAY BE REQUIRED AND SCHEDULING INSTRUCTIONS:

If approved, an inspection will need to be scheduled. To schedule an inspection, go to:

www.clarkcountynv.gov/building/fire-prevention

A fire inspector will review your site in accordance with the approved plans and this guideline.

The Fire Prevention (FP) may witness and accept inspection, testing and maintenance of fire and life safety systems conducted by approved individuals as required by and within the scope and authority of the Clark County Fire Code.

This Guideline does not take the place of the Fire Code and does not take precedence over any Fire Code requirement or position taken by the Fire Chief. When a conflict exists between the requirements of this Guideline and the Fire Code or the opinion of the Fire Chief, the Fire Code or opinion of the Fire Chief prevails.

Technical Assistance may be required and when it is it will require a Technical Opinion and Report prepared by a State of Nevada licensed: qualified engineer, specialist, laboratory, or fire safety specialty organization acceptable to the Fire Chief and the owner. The Fire Chief is authorized to require design submittals to bear the Wet Stamp and Signature of a professional engineer.

Acceptance of Alternative Materials and Methods requires a Technical Opinion and Report prepared by a State of Nevada licensed: qualified engineer, specialist, laboratory, or fire safety specialty organization acceptable to the Fire Chief and the owner. The Fire Chief is authorized to require design submittals to bear the Wet Stamp and Signature of a professional engineer.