



CLARK COUNTY FIRE DEPARTMENT
Fire Prevention Bureau
575 E. Flamingo Road, Las Vegas, NV 89119
(702) 455-7316 FAX (702) 455-7347



Permit Type: 105.6.59
Control Number: A.0
Effective Date: October 3, 2011

TITLE: PALLETS - EXTERIOR STORAGE FOR COMMERCIAL PALLET YARDS

SCOPE: Clark County Fire Department requirements for the submittal and approval of storage for more than 50 pallets or 500sf. or more of pallet storage.

Other activities that support the pallet storage lot, such as a tent, a fuel tank for generators, fire hydrants, or any other associated activity, shall have separate permits prior to commencing those other activities. Interior storage of pallets shall be in accordance with Chapter 23 of the Clark County Fire Code and NFPA 13. Interior storage of pallets exceeding 6 feet in height requires a high piled combustible storage permit. Exterior storage of pallets accessory to occupancies shall be in accordance with the specific guideline addressing that operation.

PURPOSE: To standardize plan/permit requirements required by the Fire Department in accordance with the Clark County Fire Code. Permits for the storage of pallets expire one year from issue date and shall be renewed annually.

DEFINITIONS:

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

ANNUAL RENEWABLE PERMIT PROCEDURE:

After issuance of your initial permit(s), your permit(s) be valid for one year. 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.

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.

SPECIFICATIONS AND SUBMITTAL REQUIREMENTS:

An application must be completed for each submittal. A minimum of three sets of plans shall be submitted with the permit application. Plans shall show compliance in accordance with Section 319 of the Clark County Fire Code, as adopted and amended. All submittals must be legible and readable or the plan shall be issued a correction letter for cause.

Plans shall address the following:

1. **STORAGE SITE:** Storage sites shall be reasonably level and be on solid ground. Sites must be kept free of vegetation and combustible debris.
2. **FIRE FLOW:** Minimum required fire flow shall not be less than 2,000 gpm (7571 L/m) for storage yards of 6,200 sq. ft. (576 m²) or less.

For storage yards greater than 6,200 sq. ft. (576 m²) the required fire flow will follow the requirements of Appendix B, Table B105.1 for Type V-B construction.

3. **FIRE HYDRANTS:** Fire hydrants required for fire flow purposes for pallet storage array(s) shall be provided within 300 ft. (152.4m) of hose lay to all pallets.
4. **FIRE DEPARTMENT ACCESS:** Fire apparatus access roads in accordance with Section 503 of the Clark County Fire Code shall be located within 150 ft. (45,720mm) or all portions of the pallet storage array(s). Permanent delineation of on-site fire apparatus access roads shall be provided as required by the *fire code official*.
5. **PILE HEIGHT:** Stacks shall not exceed a height of 15 ft. (4.57 m) or any height restriction set by other ordinances of the jurisdiction, whichever is lower. Stacks shall be arranged to form stable piles.
6. **STACK DISTANCE TO PROPERTY LINE:** Piles shall be no closer than eight (8) ft. (2.44 m), or a distance equal to the stack height, to any property line, whichever is greater.
7. **STACK DISTANCE TO OTHER YARD STORAGE:** Clearance between outside pallet storage and other yard storage shall be no closer than eight (8) ft. (2.44 m).

- 8. STACK DISTANCE TO STRUCTURE:** Stacks shall be no closer than 15 ft. (4.57 m) to any on-site structure.
- 9. PALLET PILE SIZE:** Piles shall not contain more than 6,000 cu. ft. (170 m³) of pallets.
- 10. PALLET STORAGE ARRAY:** Piles shall be arranged in a grid system to form pallet storage arrays with a maximum dimension of 50 ft. by 50 ft. (15.25 m by 15.25 m).
- 11. ARRAY SEPARATION:** Pallet storage arrays shall be separated by a minimum distance of 24 ft. (7.32 m).

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 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/depts/fire

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/depts/fire. A fire inspector will review your site in accordance with the approved plans and this guideline, and if compliance, will issue the permit.

The Clark County Fire Department's Fire Prevention Bureau (FPB) 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, when required by the Fire Chief, 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.