



Rancho Cucamonga Fire Protection District Plan Check Submittal Requirements

The Rancho Cucamonga Fire Protection District (RCFPD) requires a complete High Pile Storage (HPS) analysis in accordance with NFPA 13, 2013 Edition and the 2013 California Fire Code (CFC). A Fire Protection Engineer (FPE) is not required to stamp the analysis but the qualified person preparing the plans must provide their name, contact information, sign the report and all plan sheets. On occasion, it may be required to have an FPE stamp the plans but the majority of the plans submitted are approved without an FPE's opinion.

Following is a list of the RCFPD's submittal requirements for a HPS analysis. The information required in the submittal is not limited to this list; additional information may be required based on the circumstances. The list outlines information that may not be requested by other jurisdictions, the list does not identify the CFC requirements; those requirements are found in Chapter 32 of the CFC. Note: Per the 2013 CBC, buildings requiring two exits from the warehouse are required to be equipped with directional exit signs and emergency illumination with a source of backup power. The emergency lighting must illuminate the designated exit aisles; the emergency illumination exit sign location plans must be prepared per the approved HPS plans and submitted for review separately; when submitting for building review include a copy of the approved HPS plans for reference with the emergency illumination and exit sign plan.

1. Plan check fees must be paid when submitting.
2. The business owner or assigned representative of the facility must fill-out and sign the fire-code permit application. The application is available upon request.
3. The submittal applicant must fill out a plan check application.
4. A commitment letter must be submitted with the plans; a template for the letter is available upon request. The commitment letter must be prepared by the business owner or assigned representative.
5. The business owner or assigned representative must provide a full description of the merchandise and storage method on company letterhead. The owner does not have to classify the commodity; the consultant is required to classify the commodity.
6. The HPS report and analysis are submitted is a Fire only review and it is submitted to the Building and Safety Services Department (B&S). The Rack plans are a Building and Fire review and are also submitted to B&S. For fire and Building questions, B&S can be reached at (909) 477-2710.
7. FCS requires a complete HPS analysis to be included in the plans or the analysis maybe in a text report format along with the plans submitted.
8. Exit aisles and directional exit signs must be identified on the floor plans.
9. The floor plan must illustrate the use of the entire facility such as low pile storage, manufacturing and/or hazardous materials.
10. The fire extinguishers (FE) must be illustrated on the plans; the minimum type is a 4A60BC. FE's shall be located adjacent to each exterior access/exit door and then through out the facility not exceeding a 50' travel distance (100' spacing).
11. The HPS plans shall have the elevation of the various racks that are proposes in the structural rack plans submitted to B&S or existing in the tenant space.
12. FCS requires the idle pallets, LPG container storage and/or battery charging uses are identified on the plans and clearly described for the purpose of fire-code permit issuance.
13. Pallet stops must be specified in the HPS analysis, HPS plans and the rack plans in accordance with RCFPD Ordinance FD 54 Chapter 32. If pallet stops are not used but rack spacers are provided to maintain the flue space, the maximum pallet and/or pallet load shall be specified on the plans to confirm that the size of the spacer is adequate to maintain the required flue space
14. The RCFPD Ordinance and the various standards can be accessed at the City of Rancho Cucamonga web site in the Building and Safety Services Department and/or the Fire District's sections. www.cityofrc.us
15. The site plan shall illustrate
 - the access doors (identified in accordance with RCFPD Standard 5-5),
 - The location of the existing or proposed Knox Box,
 - The location of the existing public and private fire hydrants,
 - The location of the FDC including the size and number of connections,
 - The location of the building address numbers,
 - The fire department access roadway,
 - Any gates blocking the vehicular or personnel fire access.
 - Exterior uses such as idle pallets and LPG storage.