



**East Contra Costa**

**Fire Protection District**

CE

F.D. Permit Number

Date

Description of Work: \_\_\_\_\_

Project Name: \_\_\_\_\_ Address: \_\_\_\_\_ Suite \_\_\_\_\_

City: \_\_\_\_\_ Additional Info. \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_

Contact Person: \_\_\_\_\_ Phone No. ( ) \_\_\_\_\_ Fax No. ( ) \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Email: \_\_\_\_\_

**By signing this form, applicant acknowledges they have read the foregoing comments and has the responsibility of complying with all applicable codes and regulations.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**APPLICATION SECTION: DO NOT MARK BELOW THIS LINE**

We have reviewed the proposed **storage of portable propane cylinders for resale/exchange** for the project facility. Our review is to ensure compliance with the minimum code requirements related to fire and life safety as set forth in the California Fire Code. The following selected comments shall apply to this project:

- Provide permanent and durable **NFPA 704** placard identifying the hazards (**Health - 1, Flammability - 4, Instability - 0**) posted visible in the vicinity of each metal enclosure for propane cylinder storage. (2703.5) CFC
- Post permanent and durable **NO SMOKING** signage on the metal propane cylinder enclosure. (2703.7.1 & 3807.2) CFC
- Propane cylinders awaiting resale/exchange shall comply with the following: (6109.15) CFC
  - a. Cylinders shall be secured in a lockable, ventilated metal cabinet or enclosure.
  - b. Cylinders shall be accessible only by authorized personnel or by use of an automated exchange system.
  - c. Post signage on the building entrance door:  
**DO NOT BRING LP-GAS CYLINDERS INTO THE BUILDING.**
  - d. Post emergency contact information signage on or within ten feet of the metal propane cylinder enclosure.
- Exterior metal enclosure for propane cylinder storage shall be located minimum of ten feet away from exit door(s). (6109.12) CFC
- Propane containers shall be stored within an enclosure protecting from tampering and protection from vehicles where necessary. (6109.13) CFC
- Provide vehicular steel bollard protection: (3807.4) CFC
  - a. Minimum 4 inch diameter steel bollards filled with concrete.

(CONTINUED OVER)

Fee computed by: \_\_\_\_\_

Amount Due: \_\_\_\_\_

Received by: \_\_\_\_\_

Amount Received: \_\_\_\_\_

Cash  Credit  Check No. \_\_\_\_\_

Invoice No. \_\_\_\_\_

- b. Bollard spacing shall not exceed 4 feet between posts on center.
- c. Bollards shall extend minimum 3 feet into a 18 inch diameter concrete footing.
- d. Bollards shall extend minimum 3 feet to the top above the ground.
- e. Bollards shall be located minimum 3 feet clear from propane cylinder enclosure.

- Propane cylinder automated vending exchange system shall comply with the following: (6109.15.1) CFC
  - a. The vending system shall only permit access to a single cylinder per individual transaction.
  - b. Cabinets shall be designed such that cylinders can only be placed inside when they are oriented in the upright position.
  - c. Devices operating door releases for stored cylinders shall be permitted to be pneumatic.
  - d. Electrical equipment inside of or within 5 feet of the cabinet storing cylinders, including but not limited to electronics associated with vending operations, shall comply with the requirements for Class I, Division 2 equipment in accordance with the National Electric Code.
  - e. A manual override control shall be permitted for use by authorized personnel. On newly installed cylinder exchange vending stations, the vending system shall not be capable of returning to automatic operation after a manual override until the system has been inspected and reset by authorized personnel.
  - f. Authorized personnel shall routinely inspect to ensure all cylinders are secured, access doors are closed, and exchange station has no visible damage or defects, which may require placing the station out of service.

- Maintain propane cylinder enclosure minimum 10 ft. from combustible materials and minimum 20 ft. from motor vehicle fuel dispenser. (Table 6109.12) CFC

Additional comments: \_\_\_\_\_  
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- Contact the Fire District at **925-240-2139** (minimum **two** working days notice required) to schedule final inspection available Monday through Thursday excluding holidays.

***On the morning of the inspection, a confirmation telephone call made to the Fire District at 925-240-2139 is necessary between 8:00 and 8:30 AM. Otherwise, the inspection will be cancelled.***

***Final acceptance is subject to field inspection.***

**Approval does not relieve the designer / contractor from complying with all applicable fire code requirements, nor does it abrogate the requirements of other authorities having jurisdiction.**

- Approved as submitted.       Approved with Comments.       Denied, Resubmittal Required.

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_