



# CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

**GEN**

F.D. Permit Number \_\_\_\_\_

Date \_\_\_\_\_

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

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

Suite: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Contractor: \_\_\_\_\_ Contractor's License/Type #: \_\_\_\_\_

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

**OFFICE USE ONLY: DO NOT COMPLETE BELOW THIS LINE**

The Fire District has reviewed the proposed **GENERATOR** plans 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 2022 California Fire Code and the 2018 NFPA 30, 2015 NFPA 37 and 2016 NFPA 110, and 111. The following selected comments shall apply to this project:

- Installation of a \_\_\_\_\_kw standby diesel generator with a \_\_\_\_\_ gallon fuel tank.
- Prior to being placed in service, the tank and associated piping shall be field tested in accordance with Sections 5704.2.12 & 5703.6.3 CFC and the Table below, unless otherwise supported by the manufacturer's specifications.

|                       | Field Test   | Duration  |
|-----------------------|--|---|
| Primary Tank Test     | 3 to 5 p.s.i.g.  | 60 minutes  |
| Secondary Tank Test   | 3 to 5 p.s.i.g.  | 60 minutes  |
| Primary Piping Test   | Hydrostatically at 150% of anticipated pressure<br>Or<br>Pneumatically at 110% of anticipated pressure | Sufficient time period to complete visual inspection of joints and connections. Minimum of 10 minutes with no leakage or permanent distortion |
| Secondary Piping Test | 5 p.s.i.g.   | Sufficient time period to complete visual inspection of joints and connections. Minimum of 10 minutes with no leakage or permanent distortion |

- Provide a 2A:40B:C rated fire extinguisher near the generator at no more than five (5) feet above floor level. Extinguisher shall be commercial grade, currently tagged, or have manufacturer date clearly marked on the extinguisher. A weatherproof cabinet shall be provided for exterior mount installations. (906.1) CFC

(CONTINUED OVER)

Fee computed by: \_\_\_\_\_ Amount Due: \$ \_\_\_\_\_

Received by: \_\_\_\_\_ Amount Received: \$ \_\_\_\_\_

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

- Provide NFPA 704 placards on the exterior of doors/gates of the generator enclosures as follows:  
**Health; (blue)-1, Fire; (red)-2, Reactivity; (yellow)-0**



NFPA 704 placards shall be visible from all angles of approach. (5704.2.3.2) and (5003.5) CFC

- Signs prohibiting smoking and open flames shall be posted. (5704.2.3.1) CFC
- The vent pipe outlet shall be located such that the vapors are released not less than 12 feet above the finished ground level. (5704.2.7.3.3) CFC
- Enclosures subject to vehicle contact shall be provided with vehicle impact protection in accordance with Section 312 of the California Fire Code. Bollards shall be not less than 4" diameter steel, concrete filled, not less than 3' above grade and not less than 3' below grade into a minimum 15" concrete base. (5703.6.4) CFC

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***On the morning of the inspection, a confirmation telephone call made to the Fire District at 925-941-3300 is necessary between 8:00 and 8:30 AM. Otherwise, the inspection will be cancelled.***

**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: \_\_\_\_\_