



This document does not permit the holder to violate any BAAQMD regulation or any other law.

PERMIT EXPIRATION DATE

July 01, 2017



**Owner Mailing Contact:**

EO Lawrence Berkeley National Lab  
1 CYCLOTRON RD  
BLDG 75B0101  
BERKELEY , CA 94720-8285  
Attn: Ron Pauer



**Facility ID:** 106134

Lawrence Berkeley Laboratory  
1 Cyclotron Rd  
Berkeley , CA 94720-8099

**Owning Entity:**

Lawrence Berkeley Laboratory



**DEVICES**

This document serves as your Permit to Operate the following:

**S1 Permitted**

GDF  
Gasoline Dispensing Operation

Tank Information:  
10000 Gallon Underground Tank w/ Gasoline - unleaded  
Phase I Vapor Recovery Type: OPW (VR-102)  
Phase II Vapor Recovery Type: None-BAAQMD Regulation 8-7-112.9 ORVR fleet

4000 Gallon Aboveground Tank w/ Ethanol (E85)  
Phase I Vapor Recovery Type: None-Exempt Material  
Phase II Vapor Recovery Type: None

Nozzle Information:  
2 Gasoline - Single Product

The operating parameters described above are based on information supplied by the permit holder and may differ from the limits set forth in the attached conditions of this Permit To Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of BAAQMD and is subject to enforcement action.



**PERMIT CONDITIONS**

The devices described in this document are subject to the following permit conditions:

**S1** Subject to Condition #: **14098, 16516, 20666, 21568, 24173**

**Condition #: 14098 S1**

Pursuant to BAAQMD Toxic Section Policy, this facility's annual gasoline throughput shall not exceed 940,000 gallons in any consecutive 12 month period.

**Condition #: 16516 S1**



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For each aboveground gasoline storage tank, the Static Pressure Performance Test (Leak Test) ST-38 shall be successfully conducted at least once in each twelve consecutive month period after the date of successful completion of the startup Static Pressure Performance Test.

The applicant shall notify Source Test by email at [gdfnotice@baaqmd.gov](mailto:gdfnotice@baaqmd.gov) or by FAX at (510) 758-3087, at least 48 hours prior to any testing required for permitting. Test results for all performance tests shall be submitted within thirty (30) days of testing. Start-up test results submitted to the District must include the application number and the GDF number. (For annual test results submitted to the District, enter "Annual" in lieu of the application number.) Test results may be submitted by email ([gdfresults@baaqmd.gov](mailto:gdfresults@baaqmd.gov)), FAX (510) 758-3087 or mail to the District's main office.

**Condition #: 20666 S1**

1. The OPW EVR Phase I Vapor Recovery System, including all associated plumbing and components, shall be operated and maintained in accordance with the most recent version of California Air Resources Board (CARB) Executive Order VR-102. Section 41954(f) of the California Health and Safety Code prohibits the sale, offering for sale, or installation of any vapor control system unless the system has been certified by the state board.
2. The owner or operator shall conduct and pass a Rotatable Adaptor Torque Test (CARB Test Procedure TP201.1B) and either a Drop Tube/Drain Valve Assembly Leak Test (TP201.1C) or, if operating drop tube overflow prevention devices ("flapper valves"), a Drop Tube Overflow Prevention Device and Spill Container Drain Valve Leak Test (TP201.1D) at least once in each 36-month period. Measured leak rates of each component shall not exceed the levels specified in VR-102.

The applicant shall notify Source Test by email at [gdfnotice@baaqmd.gov](mailto:gdfnotice@baaqmd.gov) or by FAX at (510) 758-3087, at least 48 hours prior to any testing required for permitting. Test results for all performance tests shall be submitted within thirty (30) days of testing. Start-up tests results submitted to the District must include the application number and the GDF number. (For annual test results submitted to the District, enter "Annual" in lieu of the application number.) Test results may be submitted by email ([gdfresults@baaqmd.gov](mailto:gdfresults@baaqmd.gov)), FAX (510-758-3087) or mail to the District's main office.

**Condition #: 21568 S1**



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CONDITIONS FOR 4,000 GALLON HOOVER AST DISPENSING E85 FUEL  
AND OPERATING UNDER CARB TEST-SITE DESIGNATION

1. Only E85 fuel may be dispensed from this tank. Total fuel dispensed from this tank shall not exceed 50,000 gallons in any 12-consecutive month period.
2. Applicant shall maintain monthly records of the amount of E85 dispensed. All records shall be maintained for two years from the date of entry, and be available for inspection on District Staff on request.
3. The vapor condensate trap shall be monitored, and drained if necessary, on a monthly basis. Applicant shall maintain a log containing date of condensate trap inspection and amount of gasoline collected and drained. Log shall be available for inspection by District staff on request.
4. The applicant shall notify Source Test via FAX at (415) 749-4922, 48 hours prior to conducting any of the tests required by CARB in the test site designation letter dated April 25, 2003. Copies of all test results shall be forwarded to the District Source Test Manager within twenty (20) days of the test date.
5. All dispensing must immediately cease, and all equipment be removed within 60 days of the date: a) the applicant notifies CARB that certification is not possible; or, b) CARB denies the application for certification.
6. This facility is operating under a test site designation that expires on June 1, 2013. Operation is not authorized beyond this date unless CARB has certified both the Phase I and Phase II vapor recovery equipment in use and the equipment is in compliance with all applicable District regulations.
7. Within 90 days of obtaining CARB certification of both the Phase I and Phase II vapor equipment in use, applicant shall submit a complete permit application to the District to modify the Permit to Operate for this tank to be consistent with the new certifications.

Condition #: 24173 S1



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**PHASE II EXEMPTION PER REG.8-7-112.9, ORVR FLEETS**

1. All vehicles and equipment refueled at this facility shall be owned by a common operator and either equipped with On-board Refueling Vapor Recovery (ORVR) controls or exempt from use of Phase II vapor recovery during refueling pursuant to Regulation 8-7-112.2.
2. To prevent the refueling of non-ORVR equipped vehicles, all dispensing equipment at this facility shall be equipped with a system that prevents the refueling of unauthorized vehicles. The system shall identify authorized vehicles via vehicle-mounted sensors or card requiring the entry of date unique to the vehicle (e.g., odometer reading).
3. Facility shall retain records of vehicles refueled during the preceding consecutive twelve month period to demonstrate compliance with the above. Records shall be retained for 24 months, and be available for inspection by District staff upon request.
4. Only conventional (i.e., non- vapor-recovery) nozzles, breakaways and hoses shall be operated at this facility.
5. All remaining vapor recovery piping (including internal dispenser piping) shall be capped with NPT galvanized pipe.

**END OF CONDITIONS**



**IMPLIED CONDITIONS**

Unless your specific permit conditions state otherwise, the throughputs, fuel and material consumptions, capacities and hours of operation described in your permit application will be considered maximum allowable limits.

A new permit will be required before any increase in parameters, such as throughputs, fuel and material consumption, capacities, and hours of operation, or change in materials, equipment or permit conditions may be made.



**RIGHT OF ACCESS**

In accordance with Regulation 1-440, BAAQMD shall be granted the right of access to any premises on which an air pollution source is located for the purposes of:

- a) The inspection of the source,
- b) The sampling of materials used at the source,
- c) The conduct of an emission source test, and
- d) The inspection of any records required by BAAQMD rule or permit condition



**REGULATORY COMPLIANCE**

This Permit To Operate does not authorize violations of the rules and regulations of BAAQMD (may be viewed at [www.baaqmd.gov](http://www.baaqmd.gov)), California or Federal law. Compliance with conditions in this permit does not mean that the permit holder is currently in compliance with BAAQMD Rules and Regulations It is the responsibility of the permit holder to have knowledge of and be in compliance with all BAAQMD rules and regulations.



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**END OF DOCUMENT**