MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
AIR QUALITY DIVISION

October 6, 2022

PERMIT TO INSTALL
347-96C

ISSUED TO
Buckeye Terminals, LLC Ferrysburg Terminal

LOCATED AT
17806 North Shore Drive
Ferrysburg, Michigan 49409

IN THE COUNTY OF
Ottawa

STATE REGISTRATION NUMBER
B7778

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environment, Great Lakes, and Energy. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203: **August 29, 2022**	
DATE PERMIT TO INSTALL APPROVED: **October 6, 2022**	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

PERMIT TO INSTALL

Table of Contents

COMMON ACRONYMS

AQD	Air Quality Division
BACT	Best Available Control Technology
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
COMS	Continuous Opacity Monitoring System
Department/department/EGLE	Michigan Department of Environment, Great Lakes, and Energy
EU	Emission Unit
FG	Flexible Group
GACS	Gallons of Applied Coating Solids
GC	General Condition
GHGs	Greenhouse Gases
HVLP	High Volume Low Pressure*
ID	Identification
IRSL	Initial Risk Screening Level
ITSL	Initial Threshold Screening Level
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
MAERS	Michigan Air Emissions Reporting System
MAP	Malfunction Abatement Plan
MSDS	Material Safety Data Sheet
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
PS	Performance Specification
PSD	Prevention of Significant Deterioration
PTE	Permanent Total Enclosure
PTI	Permit to Install
RACT	Reasonable Available Control Technology
ROP	Renewable Operating Permit
SC	Special Condition
SCR	Selective Catalytic Reduction
SNCR	Selective Non-Catalytic Reduction
SRN	State Registration Number
TBD	To Be Determined
TEQ	Toxicity Equivalence Quotient
USEPA/EPA	United States Environmental Protection Agency
VE	Visible Emissions

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 psig.

POLLUTANT / MEASUREMENT ABBREVIATIONS

acfm	Actual cubic feet per minute
BTU	British Thermal Unit
°C	Degrees Celsius
CO	Carbon Monoxide
CO_2e	Carbon Dioxide Equivalent
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
°F	Degrees Fahrenheit
gr	Grains
HAP	Hazardous Air Pollutant
Hg	Mercury
hr	Hour
HP	Horsepower
H_2S	Hydrogen Sulfide
kW	Kilowatt
lb	Pound
m	Meter
mg	Milligram
mm	Millimeter
MM	Million
MW	Megawatts
NMOC	Non-Methane Organic Compounds
NO_x	Oxides of Nitrogen
ng	Nanogram
PM	Particulate Matter
PM10	Particulate Matter equal to or less than 10 microns in diameter
PM2.5	Particulate Matter equal to or less than 2.5 microns in diameter
pph	Pounds per hour
ppm	Parts per million
ppmv	Parts per million by volume
ppmw	Parts per million by weight
psia	Pounds per square inch absolute
psig	Pounds per square inch gauge
scf	Standard cubic feet
sec	Seconds
SO_2	Sulfur Dioxide
TAC	Toxic Air Contaminant
Temp	Temperature
THC	Total Hydrocarbons
tpy	Tons per year
µg	Microgram
µm	Micrometer or Micron
VOC	Volatile Organic Compounds
yr	Year

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**

2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**

3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to Rule 210 (R 336.1210), operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**

4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**

5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to Rule 219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of Rule 219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy. **(R 336.1219)**

6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**

7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal condition or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**

8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.

9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.

10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of Rule 301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with Rule 303 (R 336.1303). **(R 336.1301)**
    a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
    b) A visible emission limit specified by an applicable federal new source performance standard.
    c) A visible emission limit specified as a condition of this Permit to Install.

12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in Rule 370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001. **(R 336.2001)**

EMISSION UNIT SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date / Modification Date	Flexible Group ID
EULOADRACK	Loading rack to deliver fuel to trucks	1/1/1979	NA
EUTANK1	A 1,364,328 gallon capacity gasoline/diesel storage tank equipped with an internal floating roof	1/1/1979	FGTANKS
EUTANK2	A 3,673,320 gallon capacity gasoline/diesel storage tank equipped with an internal floating roof	1/1/1979	FGTANKS
EUTANK3	A 3,729,474 gallon capacity gasoline/diesel/ethanol storage tank equipped with an internal floating roof	2/14/2001	FGTANKS
EUTANK4	A 2,734,746 gallon capacity diesel storage tank with a fixed roof	1/1/1979	FGTANKS
EUTANK5	A 840,000 gallon capacity gasoline/diesel/ethanol storage tank equipped with an internal floating roof	1/1/1979	FGTANKS
EUTANK9	A 12,600 gallon capacity gasoline additive storage tank with a fixed roof	1/1/1979	FGTANKS
EUTANK13	A 8,400 gallon capacity gasoline additive storage tank with a fixed roof	1/1/1979	FGTANKS

Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1291.

EULOADRACK
EMISSION UNIT CONDITIONS

DESCRIPTION

Loading rack to deliver fuel to trucks.

Flexible Group ID: NA

POLLUTION CONTROL EQUIPMENT

Portable vapor combustion unit (PVCU), vapor recovery unit (VRU)

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. VOC	31.5 tpy	12-month rolling time period as determined at the end of each calendar month	EULOADRACK	SC VI.1, SC VI.5	R 336.1702(a)
2. VOC	35 mg/L when using VCU	Continuously	EULOADRACK	SC VI.2	R 336.1702(a), 40 CFR 60.502(b)
3. VOC	10 mg/L when using VRU	Continuously	EULOADRACK	SC VI.2	R 336.1702(a)
4. VOC	9.3 mg/L as fugitive emissions	Continuously	EULOADRACK	SC VI.2	R 336.1702(a)
5. VOC	14.75 tpy as fugitive emissions	12-month rolling time period as determined at the end of each calendar month	EULOADRACK	SC VI.2	R 336.1702(a)

II. MATERIAL LIMIT(S)

1. The permittee shall monitor and record EULOADRACK throughput. Total throughput through EULOADRACK shall not exceed 380 million gallons of gasoline, transmix, and ethanol per 12-month rolling period determined at the end of each calendar month. **(R 336.1205(3), R 336.1702(a))**

2. Of the limit specified in SC II.1, the permittee shall not exceed 150 million gallons of gasoline, transmix, and ethanol per 12-month rolling period determined at the end of each calendar month in which the exhaust is routed to the portable vapor combustion unit (PVCU). **(R 336.1205(3), R 336.1225, R 336.1702(a) R 336.1706, R 336.1910)**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate EULOADRACK unless the vapor recovery unit or the portable vapor combustion unit is installed, maintained, and operated in a satisfactory manner. Satisfactory operation includes, but is not limited to, performing semi-annual maintenance checks in accordance with manufacturer and maintaining the unit according to the MAP specified in SC III.5. **(R 336.1225, R 336.1702(a), R 336.1910, R 336.1911)**

2. Delivery vessels at the facility shall be equipped, maintained, or controlled with all of the following:
   a) An interlocking system or procedure to ensure that the vapor-tight collection line is connected before any organic compound can be loaded. **(R 336.1706(3)(a))**
   b) A device to ensure that the vapor-tight collection line shall close upon disconnection so as to prevent release of organic vapor. **(R 336.1706(3)(b))**
   c) A device to accomplish complete drainage before the loading device is disconnected from any delivery vessel or a device to prevent liquid drainage from the loading device when not in use. **(R 336.1706(3)(d))**
   d) Pressure vacuum relief valves that are vapor tight and set to prevent the emission of displaced organic vapor during the loading of the delivery vessel except under emergency conditions. **(R 336.1706(3)(d))**
   e) Hatch openings that are kept closed and vapor-tight during the loading of the delivery vessel. **(R 336.1706(3)(e))**

3. The permittee shall not load any delivery vessel with gasoline unless all provisions of Rule 609, Rule 627 and Rule 706 are met. **(R 336.1205(3), R 336.1225, R 336.1609, R 336.1627, R 336.1702(a), R 336.1702(d), R 336.1706, R 336.1910)**

4. The permittee shall install, maintain and operate in a satisfactory manner, a vapor tight collection line which delivers the organic vapor to a loading rack control device when loading any delivery vessel with an organic compound having a true vapor pressure greater than 1.5 psia, or when loading a delivery vessel which has previously contained an organic compound having a true vapor pressure greater than 1.5 psia. **(R 336.1205(3), R 336.1225, R 336.1702(a) or (d), R 336.1706, R 336.1910, 40 CFR Part 60 Subparts A & XX)**

5. To minimize loading rack control device downtime, the permittee shall implement and maintain an approved Malfunction Abatement Plan (MAP). The MAP shall include the following:
   a) Recordkeeping provisions for part replacements, repairs and maintenance with respect to the loading rack control device.
   b) Procedures for maintaining and operating EULOADRACK, the loading rack control device, and any monitoring equipment in a satisfactory manner during malfunction events.
   c) A program for corrective action for all malfunction events.

   If the MAP fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, the owner or operator shall revise the MAP within 45 days after such an event occurs. **(R 336.1205(3), R 336.1225, R 336.1702(a), R 336.1910, R 336.1911 40 CFR Part 60 Subparts A & XX)**

6. The permittee shall act to assure that loading of gasoline tank trucks at the facility are made only into tank trucks that is compatible with the terminal's vapor collection system. **(40 CFR 60.502(f))**

7. The permittee shall act to assure that the terminal's and tank truck's vapor collection system are connected during each loading of a gasoline tank truck at the facility. **(40 CFR 60.502(g))**

8. Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for the total organic compounds liquid or vapor leaks. For the purpose of this inspection, detection methods such as sight, sound or smell are acceptable. **(40 CFR 60.502(j))**

9. The permittee shall record each detection of a leak and the source of the leak shall be repaired as soon as practicable, but no later than fifteen (15) calendar days after the leak is detected. **(40 CFR 60.502(j))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall not fill any delivery vessel unless the vapor balance system is installed, maintained and operated in a satisfactory manner as follows:
   a) The permittee shall connect the vapor-tight collection line to the delivery vessel before any organic compound is transferred.

b) The permittee shall close the vapor-tight collection line upon disconnection so as to prevent release of organic vapor.
c) The permittee shall close the hatch and other openings on the delivery vessel and make certain they are vapor-tight to prevent emission of displaced organic vapor during transfer operations, except under emergency conditions.
d) The permittee shall equip the liquid transfer line with a device or shall implement a procedure to prevent liquid drainage from the line when it is disconnected and not in use.

The permittee shall develop written procedures for the operation of all the control measures described above and shall keep such procedures available in an accessible location near the transfer equipment. **(R 336.1205(3), R 336.1225, R 336.1702(d), R 336.1706, 40 CFR Part 60 Subparts A & XX)**

2. Each vapor collection system shall be designed to prevent any total organic compounds vapor collected at one loading rack from passing to another loading rack. **(40 CFR 60.502(d))**

3. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 450 mm of water during product loading. **(40 CFR 60.502(h))**

4. No pressure vacuum-vent in the bulk gasoline terminal's vapor collection system shall begin to open at system pressure less than 450 mm of water. **(40 CFR 60.502(i))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Upon request from the AQD District Supervisor, the permittee shall provide verification of VOC emission rates from EULOADRACK, by testing at owner's expense, in accordance with Department requirements. No less than 30 days prior to testing, a complete test plan shall be submitted to the AQD. The final plan must be approved by the AQD prior to testing. Verification of emission rates includes the submittal of a complete report of the test results to the AQD within 60 days following the last test date of the test. **(R 336.1702(a))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall keep, in a satisfactory manner, monthly and 12-month rolling time period, VOC emission calculation records for EULOADRACK, as required by SC I.1. **(R 336.1205(3), R 336.1702(a))**

2. The permittee shall keep, in a satisfactory manner, monthly and 12-month rolling time period, fuel throughput records for EULOADRACK, as required by SC II.1. These records shall include identification and quantity of petroleum product loaded through the rack and indicate whether those emissions are controlled by the portable vapor combustion unit or vapor recovery unit. **(R 336.1205(3), R 336.1702(a))**

3. The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. The permittee shall keep all records on file at a location approved by the AQD district supervisor and make them available to the Department upon request. **(R 336.1205(3))**

4. The permittee shall monitor emissions and operating information for EULOADRACK in accordance with the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and XX. The permittee shall keep records of all source emissions data and operating information on file at the facility and make them available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a), 40 CFR Part 60 Subparts A & XX)**

5. The permittee shall keep, in a satisfactory manner, the following information on a monthly and 12-month rolling time period basis for EULOADRACK, as required by SC VI.4:
   a) Controlled VOC emission calculations.
   b) Fugitive VOC emission calculations using an emission factor based on current gasoline distribution facilities loading rack collection system emission factors.

c) Miscellaneous VOC emission calculations from pumps, valves, and fittings based on current gasoline distribution facilities emission factors.

The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

6. The permittee shall keep records of the following:
   a) Compliance with the appropriate leak test for each delivery vessel.
   b) Part replacements, repairs and maintenance for the loading rack control device as specified in the malfunction abatement plan (MAP).
   c) All loading rack control device malfunctions or failures.

   The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1627, R 336.1702(a) or (d), R 336.1910, 40 CFR Part 60 Subparts A & XX)**

7. The permittee shall keep documentation regarding the tank truck vapor tightness required under 40 CFR 60.502(e)(1). This documentation shall be made available to the Air Quality Division for inspection upon request. **(40 CFR 60.505(a))**

8. The permittee shall keep records of each monthly leak inspection record required under 40 CFR 60.502(j). The leak inspection records shall include, as a minimum, the following information: **(40 CFR 60.505(c))**
   a) Date of Inspection. **(40 CFR 60.505(c)(1))**
   b) Findings: (may indicate no leaks discovered; or location, nature, and severity of each leak). **(40 CFR 60.505(c)(2))**
   c) Leak Determination Method. **(40 CFR 60.505(c)(3))**
   d) Corrective Action (date each leak repaired, reasons for any repair interval in excess of 15 days). **(40 CFR 60.505(c)(4))**
   e) Inspector name and signature. **(40 CFR 60.505(c)(5))**

9. The permittee shall keep a record of all replacements or additions of components performed on an existing vapor processing system. **(40 CFR 60.505(f))**

10. The permittee shall keep on file at the terminal for five years, documentation of all notifications required under SC III.2.d. **(40 CFR 60.505(d))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter / Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SVVRU*	10	20	40 CFR 52.21 (c) & (d)
2. SVPVCU	96	13	R 336.1225, 40 CFR 52.21 (c) & (d)
* Stack has a T- shaped weather cap and located under a three-sided canopy.			

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and XX, as they apply to EULOADRACK. **(40 CFR Part 60 Subparts A & XX)**

FLEXIBLE GROUP SPECIAL CONDITIONS

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FGTANKS	Group of fuel storage tanks at the facility	EUTANK1, EUTANK2, EUTANK3, EUTANK4, EUTANK5, EUTANK9, EUTANK13

FGTANKS
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Group of fuel storage tanks at the facility.

Emission Unit: EUTANK1, EUTANK2, EUTANK3, EUTANK4, EUTANK5, EUTANK9, EUTANK13

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. VOC	42.7 tpy	12-month rolling time period as determined at the end of each calendar month	FGTANKS	SC VI.2, SC VI.4	R 336.1702(a)

II. MATERIAL LIMIT(S)

1. The permittee shall not allow throughput to FGTANKS to exceed 380,711,232 gallons of gasoline, transmix, and ethanol per 12-month rolling time period as determined at the end of each calendar month. This includes tank-to-tank transfers and other maintenance operations. **(R 336.1205(3), R 336.1702(a))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not load any stationary vessel with gasoline unless all provisions of Rule 607, Rule 627, Rule 704 are met. **(R 336.1205(3), R 336.1225, R 336.1607, R 336.1627, R 336.1702(d), R 336.1704, R 336.1910)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip and maintain each tank in FGTANKS with the deck and seal configuration listed in the following table. **(R 336.1205, R 336.1224, R 336.1225, R 336.1604, R 336.1702)**

Equipment	Type	Deck	Primary Seal	Secondary Seal
a) EUTANK1	Internal floating roof	Bolted	Mechanical Shoe	NA
b) EUTANK2	Internal floating roof	Bolted	Vapor mounted	Rim mounted
c) EUTANK3	Internal floating roof	Bolted	Liquid mounted	Rim mounted
d) EUTANK4	Fixed Roof	Roof type: cone	NA	NA
e) EUTANK5	Internal floating roof	Bolted	Mechanical Shoe	NA
f) EUTANK9	Fixed Roof	Roof type: cone	NA	NA
g) EUTANK13	Fixed Roof	Roof type: cone	NA	NA

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

2. The permittee shall monitor and record FGTANKS product specific throughput. Monthly and 12-month rolling time period records of FGTANKS product specific throughput shall be kept on file for a period of at least five years and made available to the Air Quality Division upon request. **(R 336.1205(3), R 336.1702(a))**

3. The permittee shall perform inspections and monitor operating information for FGTANKS in accordance with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and Kb. The permittee shall keep inspection and operating information records on file at the facility and make them available to the Department upon request. **(40 CFR Part 60 Subparts A & Kb)**

4. The permittee shall keep, in a satisfactory manner, monthly and 12-month rolling time period records of VOC emissions calculations for FGTANKS, as required by SC I.1. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A, K, Ka, and Kb, as they apply to FGTANKS. **(40 CFR Part 60 Subparts A & K, Ka, & Kb)**

FGFACILITY CONDITIONS

DESCRIPTION

The following conditions apply source-wide to all process equipment including equipment covered by other permits, grand-fathered equipment, and exempt equipment.

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. VOCs	89.4 tpy	12-month rolling time period as determined at the end of each calendar month	FGFACILITY	SC VI.1	R 336.1205(3)

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205(3))**

2. The permittee shall keep, in a satisfactory manner, records of monthly and 12-month rolling time period VOC emission calculations for FGFACILITY, as required by SC I.1. All records shall be kept on file for a period of at least five years and made available to the Department upon request. Emission calculations shall include all of the following: **(R 336.1205(3))**

   EULOADRACK:
   a) Controlled VOC emissions via the vapor recovery unit.
   b) Fugitive VOC emission from loading delivery vessels using an emission factor based on current gasoline distribution facilities loading rack collection system emission factors.
   c) Miscellaneous VOC emissions from pumps, valves, and fittings based on current gasoline distribution facilities emission factors.

FGTANKS AND ALL OTHER TANKS AT THIS FACILITY:
d) VOC emission calculations.

FGFACILITY:
e) Miscellaneous VOC emission calculations from pumps, valves, and fittings based on current gasoline distribution facilities emission factors.

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with the applicable requirements specified in 40 CFR Part 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, as they apply to FGFACILITY. **(40 CFR 63, Subpart BBBBBB)**