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

August 9, 2019

PERMIT TO INSTALL
201-03A

ISSUED TO
CITGO Petroleum Corporation – Ferrysburg Terminal

LOCATED AT
524 Third Street
Ferrysburg, Michigan

IN THE COUNTY OF
Ottawa

STATE REGISTRATION NUMBER
B6258

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: **June 10, 2019**	
DATE PERMIT TO INSTALL APPROVED: **August 9, 2019**	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

PERMIT TO INSTALL

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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
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 conditions 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))	Flexible Group ID
EU-RACK	2 lane terminal truck loading rack (lanes installed in 1958). The loading rack emissions are controlled by a vapor combustion unit (VCU).	NA
EU-TANK1	2,310,000 gallon storage tank built in 1958 to store distillate (diesel fuel). An internal floating roof was installed in 1982 and a Permit to Install was issued to allow storage of gasoline.	FG-IFRTANKS
EU-TANK2*	1,470,000 gallon internal floating roof storage tank built in 1958.	FG-IFRTANKS
EU-TANK3*	2,310,000 gallon internal floating roof storage tank built in 1958.	FG-IFRTANKS
EU-TANK4*	1,470,000 gallon internal floating roof storage tank built in 1958.	FG-IFRTANKS
EU-TANK5	588,000-gallon gasoline/distillate internal floating roof storage tank subject to 40 CFR Part 60 Subpart Kb.	FG-IFRTANKS
EU-TANK11	30,000 gallon fixed roof ethanol storage tank.	FG-ETHANOL
EU-TANK12	30,000 gallon fixed roof ethanol storage tank.	FG-ETHANOL
EU-TANK13	30,000 gallon fixed roof ethanol storage tank.	FG-ETHANOL
* This tank is not subject to Rule 201 based on the installation/ modification date but is listed in this permit to limit the facility wide emissions to less than major source levels.		

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.

EU-RACK
EMISSION UNIT CONDITIONS

DESCRIPTION

2 lane terminal truck loading rack (lanes installed in 1958). The loading rack emissions are controlled by a vapor combustion unit (VCU).

Flexible Group ID:

NA

POLLUTION CONTROL EQUIPMENT

Vapor Combustion Unit (VCU)

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. Ethanol	2.0 tpy	12-month rolling time period as determined at the end of each calendar month.	EU-RACK emissions vented through VCU	SC VI.4	R 336.1205(3) R 336.1702(a)
2. Diesel	2.0 tpy	12-month rolling time period as determined at the end of each calendar month.	EU-RACK emissions vented through VCU	SC VI.4	R 336.1205(3) R 336.1702(a)
3. Gasoline	14.0 tpy	12-month rolling time period as determined at the end of each calendar month.	EU-RACK emissions vented through VCU	SC VI.4	R 336.1205(3) R 336.1225 R 336.1702(a)
4. VOC	10 mg / liter of gasoline loaded	Hourly	EU-RACK emissions vented through VCU	SC V.1	R 336.1205(3) R 336.1225 R 336.1702(a)

II. MATERIAL LIMIT(S)

Material	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. Ethanol loaded through EU-RACK	36,515,000 gallons per year	12-month rolling time period as determined at the end of each calendar month.	EU-RACK	SC VI.3	R 336.1205(3) R 336.1702(a)
2. Gasoline loaded through EU-RACK	335,000,000 gallons per year	12-month rolling time period as determined at the end of each calendar month.	EU-RACK	SC VI.3	R 336.1205(3) R 336.1225 R 336.1702(a)
3. Diesel loaded through EU-RACK	662,256,000 gallons per year	12-month rolling time period as determined at the end of each calendar month.	EU-RACK	SC VI.3	R 336.1205(3) R 336.1702(a)

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate EU-RACK unless all provisions of Rule 609, Rule 627, and Rule 706 are met. Where the requirements of this permit to install are more stringent than the requirements of Rule 609, Rule 627, or Rule 706, the requirements of this permit shall be 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)**

2. 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 Subpart XX, as they apply to EURACK. **(R 336.1205(3), R 336.1225, R 336.1702(b), R 336.1910, 40 CFR Part 60 Subpart XX)**

3. To minimize loading rack control device downtime, the permittee shall implement and maintain an approvable malfunction abatement plan (MAP) for the loading rack and loading rack control device. The MAP shall be submitted to the AQD District Supervisor by July 15, 2004, and 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 EURACK, 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 malfunction abatement plan 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 malfunction abatement plan within 45 days after such an event occurs. **(R 336.1205(3), R 336.1225, R 336.1609, R 336.1702(a), R 336.1706, R 336.1910, 40 CFR Part 60 Subpart XX)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall install, maintain and operate in a satisfactory manner, a vapor tight collection line which delivers the organic vapor to the vapor combustion unit 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 any delivery vessel which, as its previous load, contained an organic compound having a true vapor pressure greater than 1.5 psia. **(R 336.1205(3), R 336.1225, R 336.1609, R 336.1702(a), R 336.1702(b), R 336.1706, R 336.1910, 40 CFR Part 60 Subpart XX)**

2. The permittee shall not fill any delivery vessel with an organic compound having a true vapor pressure greater than 1.5 psia, or any delivery vessel which, as its previous load, contained an organic compound having a true vapor pressure greater than 1.5 psia unless the vapor balance system is installed, maintained and operated in a satisfactory manner as follows:
   a) The vapor-tight collection line shall be connected to the delivery vessel before any organic compound is transferred.
   b) The vapor-tight collection line shall close upon disconnection so as to prevent release of organic vapor.
   c) Hatch and other openings on the delivery vessel shall be closed and vapor-tight to prevent emission of displaced organic vapor during transfer operations, except under emergency conditions.
   d) The liquid transfer line shall be equipped with a device, or a procedure shall be implemented, 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 such procedures shall be available in an accessible location near the transfer equipment. **(R 336.1205(3), R 336.1225, R 336.1609, R 336.1702(a), R 336.1702(b), R 336.1706, R 336.1910, 40 CFR Part 60 Subpart XX)**

V. TESTING/SAMPLING

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

1. At least once every five years, verification of VOC emission rate from the EU-RACK vapor combustion unit, by testing at owner's expense, in accordance with 40 CFR Part 60 Subparts A and XX, will be required. Stack testing procedures and the location of stack testing ports shall be in accordance with the applicable federal Reference Methods, 40 CFR Part 60 Appendix A. No less than 30 days prior to testing, a complete stack 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 date of the test. **(R 336.1205(3), R 336.1225, R 336.1702(a), R 336.2001, R 336.2003, R 336.2004)**

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 and make them available by the 30th day of the calendar month, for the previous calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

2. The permittee shall monitor emissions and operating information in accordance with the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and XX. **(R 336.1205(3), R 336.1225, R 336.1702(b), R 336.1910, 40 CFR Part 60 Subpart XX)**

3. The permittee shall keep, in a satisfactory manner, records of the EU-RACK throughput of each specific product for each calendar month and 12-month rolling time period, as determined at the end of each calendar month. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

4. The permittee shall keep, in a satisfactory manner, calculations of the EU-RACK ethanol, diesel, and gasoline emission rates for each calendar month and 12-month rolling time period, as determined at the end of each calendar month, using a method acceptable to the AQD District Supervisor, which shall include the following:
   a) Emissions exhausted through the VCU from loading ethanol, diesel, and gasoline.
   b) Fugitive gasoline and 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 or monitoring data, if available.

   All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

5. 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.

   All records shall be kept on file and made available to the Department upon request: **(R 336.1205(3), R 336.1225, R 336.1609, R 336.1627, R 336.1702(a), R 336.1702(b), R 336.1706, R 336.1910, 40 CFR Part 60 Subpart XX)**

6. The permittee shall keep records of emissions and operating information to comply with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and XX. All source emissions data and operating information shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(b), R 336.1910, 40 CFR Part 60 Subpart XX)**

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. SV-VCU	96	45	R 336.1225

IX. OTHER REQUIREMENT(S)

NA

Footnotes:
[1] This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

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
FG-IFRTANKS	Five internal floating roof tanks (one 588,000-gallon tank, two 1,470,000-gallon tanks, and two 2,310,00-gallon tanks).	EU-TANK1 EU-TANK2 EU-TANK3 EU-TANK4 EU-TANK5
FG-ETHANOL	Three 30,000-gallon fixed roof ethanol storage tanks.	EU-TANK11 EU-TANK12 EU-TANK13

FG-IFRTANKS
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Five internal floating roof tanks (one 588,000-gallon tank, two 1,470,000-gallon tanks, and two 2,310,000-gallon tanks).

Emission Unit:

EU-TANK1, EU-TANK2, EU-TANK3, EU-TANK4, EU-TANK5

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. VOC	18.44 tpy	12-month rolling time period as determined at the end of each calendar month.	FG-IFRTANKS	SC VI.3	R 336.1205(3)

II. MATERIAL LIMIT(S)

1. The FG-IFRTANKS throughput shall not exceed the following:
   a) 335,000,000 gallons of gasoline per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(3), R 336.1225, R 336.1702(a))**
   b) 662,256,000 gallons of distillate per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not load any stationary vessel listed below with gasoline or store gasoline in any stationary vessel listed below unless all provisions of the rules listed below are met, as they apply to each stationary vessel.

	Equipment	Rule	Applicable Requirement
a.	EU-TANK1	604 and 704	**R 336.1205(3), R 336.1702(d), R 336.1704**
b.	EU-TANK2	604 and 607	**R 336.1205(3), R 336.1604, R 336.1607**
c.	EU-TANK3	604 and 607	**R 336.1205(3), R 336.1604, R 336.1607**
d.	EU-TANK4	604 and 607	**R 336.1205(3), R 336.1604, R 336.1607**
e.	EU-TANK5	704	**R 336.1205(3), R 336.1702(b)*, R 336.1704**
	*following the requirements of 40 CFR Part 60 Subpart Kb meets Rule 702(b)		

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip and maintain the storage tanks with the deck and seal configuration listed in the following table, or a deck and seal configuration that results in the same or lower VOC emissions from the tank.

	Equipment	Type	Deck	Primary Seal	Secondary Seal	Applicable Requirement
a.	EU-TANK1	Internal floating roof	Bolted	Vapor Mounted	Rim-mounted	**R 336.1205(3), R 336.1702(d)**
b.	EU-TANK2	Internal floating roof	Bolted	Vapor Mounted	Rim-mounted	**R 336.1205(3), R 336.1604**
c.	EU-TANK3	Internal floating roof	Bolted	Vapor Mounted	Rim-mounted	**R 336.1205(3), R 336.1604**
d.	EU-TANK4	Internal floating roof	Bolted	Vapor Mounted	Rim-mounted	**R 336.1205(3), R 336.1604**

2. The permittee shall equip and maintain EUTANK5 with the deck and seal configuration listed in the following table. **(R 336.1205, R 336.1224, R 336.1225, R 336.1702)**

	Equipment	Type	Deck	Primary Seal	Secondary Seal
a.	EU-TANK5	Internal floating roof	Bolted	Mechanical Shoe	None

V. TESTING/SAMPLING

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

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 and make them available by the 30th day of the calendar month, for the previous calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

2. The permittee shall keep, in a satisfactory manner, records of the FG-IFRTANKS throughput for each specific petroleum product for each calendar month and 12-month rolling time period, as determined at the end of each calendar month. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

3. The permittee shall keep, in a satisfactory manner, calculations of the FG-IFRTANKS VOC emission rate for each calendar month and 12-month rolling time period, as determined at the end of each calendar month, using a method acceptable to the AQD District Supervisor. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

4. The permittee shall perform and keep records of inspections and operating information for EU–TANK1 in accordance with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and Ka. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(b), 40 CFR Part 60 Subpart Ka)**

5. The permittee shall keep records of inspections and operating information for EU-TANK5 in accordance with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and Kb, as they apply to EU-TANK5. 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(b), 40 CFR Part 60 Subparts A & Kb)**

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, and Ka, as they apply to EU-TANK1. **(40 CFR Part 60 Subparts A and Ka)**

2. The permittee shall comply with all provisions, including recordkeeping and reporting, of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and Kb, as they apply to EU-TANK5. **(40 CFR Part 60 Subparts A & Kb)**

Footnotes:
[1] This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

FG-ETHANOL
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Three 30,000-gallon fixed roof ethanol storage tanks.

Emission Unit:

EU-TANK11, EU-TANK12, EU-TANK13

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. Ethanol	9 tpy	12-month rolling time period as determined at the end of each calendar month.	FG-ETHANOL	SC VI.3	R 336.1205(3), R 336.1702(a)

II. MATERIAL LIMIT(S)

1. The FG-ETHANOL ethanol throughput shall not exceed the following:
   a) 36,515,000 gallons per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(3), R 336.1702(a))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

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

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 and make them available by the 30th day of the calendar month, for the previous calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

2. The permittee shall keep, in a satisfactory manner, records of the FG-ETHANOL ethanol throughput for each month and 12-month rolling time period, as determined at the end of each calendar month. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1702(a))**

3. The permittee shall keep, in a satisfactory manner, calculations of the FG-ETHANOL ethanol emission rate for each calendar month and 12-month rolling time period, as determined at the end of each calendar month, using a method acceptable to the AQD District Supervisor. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1702(a))**

4. The permittee shall keep records of inspections and operating information for EU-TANK11, EU-TANK12, and EU-TANK13 in accordance with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and Kb. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3), R 336.1225, R 336.1702(b), 40 CFR Part 60 Subpart Kb)**

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, and Kb, as they apply to EU-TANK11, EU-TANK12, and EU-TANK13. **(40 CFR Part 60 Subparts A and Kb)**

Footnotes:
[1] This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

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. VOC	75 tpy	12-month rolling time period as determined at the end of each calendar month.	FGFACILITY	SC VI.1	R 336.1205(3)
2. Individual HAP	Less than 9 tpy	12-month rolling time period as determined at the end of each calendar month.	FGFACILITY	SC VI.1	R 336.1205(3)
3. Total HAPs	Less than 22.5 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)

1. The FG-FACILITY throughput shall not exceed the following:
   a) 335,000,000 gallons of gasoline per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(3), R 336.1225, R 336.1702(a))**
   b) 662,256,000 gallons of distillate per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(3), R 336.1225, R 336.1702(a))**
   c) 36,515,000 gallons of ethanol per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(3), R 336.1225, R 336.1702(a))**

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

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

NA

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, calculations of the FGFACILITY VOC, individual HAP, and total HAP emission rates for each calendar month and 12-month rolling time period, as determined at the end of each calendar month, using a method acceptable to the AQD District Supervisor. All records shall be kept on file and made available to the Department upon request. **(R 336.1205(3))**

2. The permittee shall keep, in a satisfactory manner, records of the FGFACILITY throughput for each specific product for each calendar month and 12-month rolling time period, as determined at the end of each calendar month. All records shall be kept on file and made 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)

NA

Footnotes:
[1] This condition is state only enforceable and was established pursuant to Rule 201(1)(b).