

DRAFT

AIR EMISSION PERMIT NO. 04700061- 002
Major Amendment

IS ISSUED TO

Renewable Energy Group Inc

REG ALBERT LEA LLC
15200 780th Avenue
Albert Lea, Freeborn County, MN 56007

The emission units, control equipment and emission stacks at the stationary source authorized in this permit amendment are as described in the Permit Applications Table.

This permit amendment supersedes Air Emission Permit No. 04700061-001 and authorizes the Permittee to operate and construct the stationary source at the address listed above unless otherwise noted in Table A. The Permittee must comply with all the conditions of the permit. Any changes or modifications to the stationary source must be performed in compliance with Minn. R. 7007.1150 to 7007.1500. Terms used in the permit are as defined in the state air pollution control rules unless the term is explicitly defined in the permit.

Unless otherwise indicated, all the Minnesota rules cited as the origin of the permit terms are incorporated into the State Implementation Plan (SIP) under 40 CFR § 52.1220 and as such are enforceable by U.S. Environmental Protection Agency (EPA) Administrator or citizens under the Clean Air Act.

Permit Type: State; Nonmajor for Part 70/True Minor for NSR; True Minor for NSR

Operating Permit Issue Date: September 14, 2004

Major Amendment Issue Date: <issue date>

Expiration Date: Permit does not expire – Title I Conditions do not expire.

Don Smith, P.E., Manager
Air Quality Permits Section
Industrial Division

for John Linc Stine
Commissioner
Minnesota Pollution Control Agency

Permit Applications Table

Permit Type	Application Date	Permit Action
Total Facility Operating Permit	02/19/2004	001
Major Amendment	9/19/2012	002

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NOTICE TO THE PERMITTEE:

Your stationary source may be subject to the requirements of the Minnesota Pollution Control Agency's (MPCA) solid waste, hazardous waste, and water quality programs. If you wish to obtain information on these programs, including information on obtaining any required permits, please contact the MPCA general information number at:

Metro Area	651-296-6300
Outside Metro Area	1-800-657-3864
TTY	651-282-5332

The rules governing these programs are contained in Minn. R. chs. 7000-7105. Written questions may be sent to: Minnesota Pollution Control Agency, 520 Lafayette Road North, St. Paul, Minnesota 55155-4194.

Questions about this air emission permit or about air quality requirements can also be directed to the telephone numbers and address listed above.

PERMIT SHIELD:

Subject to the limitations in Minn. R. 7007.1800, compliance with the conditions of this permit shall be deemed compliance with the specific provision of the applicable requirement identified in the permit as the basis of each condition. Subject to the limitations of Minn. R. 7007.1800 and 7017.0100, subp. 2, notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

FACILITY DESCRIPTION:

REG Albert Lea, LLC (REG) is a biodiesel manufacturing plant located near Albert Lea, Minnesota. The facility currently produces biodiesel from soybean oil and methanol, but after the construction and installation of the equipment authorized by this permit action, the facility will be able to handle lower quality feedstocks as well. After the upgrade, the biodiesel facility will have the capacity to produce 31,500,000 gallons of biodiesel per year.

The facility is a minor source of emissions for particulate matter (PM), particulate matter less than ten microns (PM₁₀), particulate matter less than 2.5 microns (PM_{2.5}), nitrogen oxides (NO_x), sulfur dioxide (SO₂) and carbon monoxide (CO) and a synthetic minor for volatile organic compounds (VOC) and methanol (a federally-designated Hazardous Air Pollutant, HAP). The main sources of methanol emissions are expected to be equipment leaks and the distillation process. Six emission sources and four storage tanks will be controlled by a flare for VOC and HAP emissions.

The facility currently processes soybean oil into biodiesel. After the installation of the equipment described in this permit action, the facility will be able to process low quality feedstocks such as used cooking oil, inedible corn oil, and lower quality animal fats.

AMENDMENT DESCRIPTION:

This permit action includes a major amendment, a minor amendment and an administrative amendment.

For the major amendment, REG proposes to modify the existing transesterification system by installing new vessels in the reactor/decanter series. The goal is to increase reaction residence time to achieve a more complete reaction from triglyceride and methanol to fatty acid methyl esters (biodiesel).

This project will allow the facility to operate at a consistently high processing rate while maintaining product quality. New vessels will be aspirated to the existing methanol recovery and ultimately the existing emission control system (vacuum pump vented to SV001 which is controlled by a flare, CE001).

Due to the fact that the existing methanol recovery system is handling saturated methanol vapors, no change is expected in hourly vent emissions. However, this project is adding additional equipment which will be subject to NSPS subp. VV-a and a marginal increase in fugitive VOC (methanol) is expected due to increased equipment count in methanol service.

For the minor amendment, REG is installing a free fatty acid (FFA) stripping system, a biodiesel distillation system, and thermal fluid heaters at the facility. The FFA stripping system will allow REG to use lower quality feedstock to produce high quality biodiesel. The FFA stripper will remove these impurities before the biodiesel process begins.

The biodiesel distillation system will improve the separation of biodiesel from co-products.

The thermal fluid heaters will distribute thermal energy to the aforementioned equipment. The heaters are rated at 36 million BTU per hour (18 MMBtu/hr each) and burn only natural gas.

The administrative amendment is for a change in ownership. The REG Albert Lea, LLC purchased the facility from Soymor LLC on July 7, 2011.

TABLE A: LIMITS AND OTHER REQUIREMENTS

A-1 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.

Subject Item: Total Facility

What to do	Why to do it
OPERATIONAL REQUIREMENTS	hdr
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated, unless otherwise noted in Table A.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment. At a minimum, the O & M plan shall identify all air pollution control equipment and shall include a preventative maintenance program for that equipment, a description of (the minimum but not necessarily the only) corrective actions to be taken to restore the equipment to proper operation to meet applicable permit conditions, a description of the employee training program for proper operation and maintenance of the control equipment, and the records kept to demonstrate plan implementation.	Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate.	Minn. R. 7019.1000, subp. 4
Fugitive Emissions: Do not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. Comply with all other requirements listed in Minn. R. 7011.0150.	Minn. R. 7011.0150
Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not enforceable by the EPA Administrator or citizens under the Clean Air Act.	Minn. R. 7030.0010 - 7030.0080
Inspections: The Permittee shall comply with the inspection procedures and requirements as found in Minn. R. 7007.0800, subp. 9(A).	Minn. R. 7007.0800, subp. 9(A)
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
PERFORMANCE TESTING	hdr
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A, B, and/or C.	Minn. R. ch. 7017
Performance Test Notifications and Submittals: Performance Tests are due as outlined in Tables A and B of the permit. See Table B for additional testing requirements. Performance Test Notification (written): due 30 days before each Performance Test Performance Test Plan: due 30 days before each Performance Test Performance Test Pre-test Meeting: due 7 days before each Performance Test Performance Test Report: due 45 days after each Performance Test Performance Test Report - Microfiche Copy: due 105 days after each Performance Test The Notification, Test Plan, and Test Report may be submitted in alternative format as allowed by Minn. R. 7017.2018.	Minn. Rs. 7017.2030, subp. 1-4, 7017.2018 and Minn. R. 7017.2035, subp. 1-2
Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as specified by Minn. R. 7017.2025 following formal review of a subsequent performance test on the same unit.	Minn. R. 7017.2025
MONITORING REQUIREMENTS	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-2** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Monitoring Equipment Calibration: Annually calibrate all required monitoring equipment (any requirements applying to continuous emission monitors are listed separately in this permit).	Minn. R. 7007.0800, subp. 4(D)
Operation of Monitoring Equipment: Unless otherwise noted in Tables A, B, and/or C, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system.	Minn. R. 7007.0800, subp. 4(D)
RECORDKEEPING	hdr
Record keeping: Retain all records at the stationary source for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at this location include all calibration and maintenance records, all original recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).	Minn. R. 7007.0800, subp. 5(C)
Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007. 1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350 subp. 2), including records of the emissions resulting from those changes.	Minn. R. 7007. 0800, subp. 5(B)
REPORTING/SUBMITTALS	hdr
Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 3. At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.	Minn. R. 7019.1000, subp. 3
Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B and C of Minn. R. 7019.1000, subp. 2. At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.	Minn. R. 7019.1000, subp. 2
Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7019.1000, subp. 1
Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description: 1. the cause of the deviation; 2. the exact dates of the period of the deviation, if the deviation has been corrected; 3. whether or not the deviation has been corrected; 4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and 5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7019.1000, subp. 1
Application for Permit Amendment: If a permit amendment is needed, submit an application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.	Minn. R. 7007.1150 through Minn. R. 7007.1500
Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H).	Minn. R. 7007.1400, subp. 1(H)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: REG Albert Lea LLC
Permit Number: 04700061 - 002

Emission Inventory Report: due 91 days after end of each calendar year following permit issuance (April 1). To be submitted on a form approved by the Commissioner.	Minn. R. 7019.3000 through Minn. R. 7019.3100
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: REG Albert Lea LLC
Permit Number: 04700061 - 002

Subject Item: GP 001 Tanks
Associated Items: TK 004 Hydrochloric Acid
TK 006 Methanol (Fresh Methanol)
TK 007 Methanol (Process Methanol)
TK 008 Sodium Methylate

What to do	Why to do it
Recordkeeping: Maintain records showing the dimensions of the tank and an analysis showing the tank capacity. These records shall be maintained for the life of the source.	40 CFR Section 60.116b(b); Minn. R. 7011.1520(C)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-5** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: GP 002 Units Subject to NSPS Dc**Associated Items:** EU 007 Hot Oil Heater #1

EU 008 Hot Oil Heater #2

What to do	Why to do it
NSPS Dc REQUIREMENTS	hdr
Permitted Fuels: The Permittee shall burn only natural gas in EU007 and EU008.	Minn. R. 7007.0800, subp. 2
Recordkeeping: By the last day of each calendar month, the Permittee shall record the amount of natural gas combusted in the boilers during the previous calendar month. These records shall consist of purchase records, receipts, or fuel meter readings.	40 CFR Section 60.48c(g); Minn. R. 7011.0570
MINN. R. REQUIREMENTS	hdr
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0515, subp. 2

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-6**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: GP 003 Facility Limits

Associated Items:

- CE 001 Flaring
- EU 001 Vacuum Pump (Biodiesel Process)
- EU 002 Nitrogen Blanket (Vapor Vent Header)
- EU 003 Biodiesel Loadout
- EU 005 Acidulation
- EU 006 Deacidification System
- EU 009 Biodiesel Distillation
- EU 011 Water Absorber
- FS 001 Equipment Leaks (MeOH)
- SV 001 Flare Stack
- SV 006 Deacidification System
- TK 006 Methanol (Fresh Methanol)
- TK 007 Methanol (Process Methanol)
- TK 008 Sodium Methylate

What to do	Why to do it
OPERATIONAL LIMITS	hdr
The Permittee shall operate and maintain a flare that achieves an overall control efficiency for Methanol: greater than or equal to 98 percent	Title I Condition: To avoid major source classification under 40 CFR Section 63.2 (HAPs limits). To avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
Production: less than or equal to 31.5 million gallons/year using 12-month Rolling Sum of biodiesel.	Limit to avoid requirement to complete environmental review under Minn. R. 4410.4300 subp. 5(A); Minn. R. 7007.0800 subp. 2
Vent all emissions from the units in GP003 to a flare. See CE001 for requirements for the flare.	Title I Condition: To avoid major source classification under 40 CFR Section 63.2 (HAPs limits); to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
RECORDKEEPING REQUIREMENTS	hdr
Daily Recordkeeping: The Permittee shall maintain records of daily biodiesel production on-site.	Monitoring for limit to avoid requirement to complete environmental review under Minn. R. 4410.4300 subp. 5(A); Minn. R. 7007.0800 subp. 5
Monthly Recordkeeping - Biodiesel Production: By the 15th of the month, the Permittee shall calculate, record and maintain the following: 1) The total amount of biodiesel produced in gallons for the previous month; and 2) The 12-month rolling sum of biodiesel produced for the previous 12-month period by summing the monthly biodiesel production data for the previous 12 months.	Monitoring for limit to avoid requirement to complete environmental review under Minn. R. 4410.4300; Minn. R. 7007.0800, subp. 5

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-7** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: EU 001 Vacuum Pump (Biodiesel Process)**Associated Items:** CE 001 Flaring

GP 003 Facility Limits

SV 001 Flare Stack

What to do	Why to do it
NSPS SUBP. NNN REQUIREMENTS	hdr
The Permittee shall maintain the affected facility such that it has a total resource effectiveness (TRE) index value greater than 8.0.	40 CFR Section 60.660(c)(4)
The Permittee shall comply with paragraph (c) of 40 CFR Section 60.662 (below) for each vent stream on and after the date on which the initial performance test required by 40 CFR Section 60.8 and Section 60.664 is completed, but not later than 60 days after achieving the maximum production rate at which the affected facility will be operated, or 180 days after the initial start-up, whichever date comes first.	40 CFR Section 60.662
The Permittee shall: maintain a TRE index value greater than 1.0 without use of VOC emission control devices.	40 CFR Section 60.662(c)
When a flare is used to seek to comply with 40 CFR Section 60.662(b), the flare shall comply with the requirements of 40 CFR Section 60.18 (see CE001).	40 CFR Section 60.664(d)
The test methods in appendix A to 40 CFR pt. 60, except as provided under 40 CFR Section 60.8(b), shall be used for determining the net heating value of the gas combusted to determine compliance under 40 CFR Section 60.662(b) and for determining the process vent stream TRE index value to determine compliance under 40 CFR Section 60.662(c).	40 CFR Section 60.664(e)
For the purposes of complying with 40 CFR Section 60.662(c) the Permittee shall calculate the TRE index value of the vent stream using the equation for incineration in paragraph (f)(1) of 40 CFR Section 60.664 for halogenated vent streams. The Permittee shall determine the TRE index value for nonhalogenated vent streams by calculating values using both the incinerator equation in 40 CFR Section 60.664(f)(1) and the flare equation in 40 CFR Section 60.664(f)(2) and selecting the lower of the two values.	40 CFR Section 60.664(f)
TRE Index Value Calculation Method: The Permittee shall calculate the TRE index values using both the equations listed in Appendix A of this permit.	40 CFR Section 60.664(f)(1) and (2)
The Permittee shall keep up-to-date, readily accessible records of: (1) Any changes in production capacity, feedstock type, or catalyst type, or of any replacement, removal or addition of recovery equipment or a distillation unit; (2) Any recalculation of the TRE index value performed pursuant to 40 CFR Section 60.664(f); and (3) The results of any performance test performed pursuant to the methods and procedures required by 40 CFR Section 60.664(d).	40 CFR Section 60.665(h)
NSPS SUBP. RRR REQUIREMENTS	hdr
The Permittee shall route the vent stream from the affected facility to a distillation unit subject to 40 CFR pt. 60, subp. NNN. The facility is exempt from all provisions of 40 CFR pt. 60, subp. RRR except for Section 60.705(r).	40 CFR Section 60.700(c)(5)
The Permittee shall submit to the Administrator a process design description as part of the initial semiannual report required by 40 CFR Section 60.665(l). This process design description must be retained for the life of the process. No other records or reports are required unless process changes are made.	40 CFR section 60.705(r)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-8** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: EU 002 Nitrogen Blanket (Vapor Vent Header)**Associated Items:** CE 001 Flaring

GP 003 Facility Limits

SV 001 Flare Stack

What to do	Why to do it
PERFORMANCE TESTING/TRE CALCULATION	hdr
Performance Test: due 60 days after achieving maximum capacity but not later than 180 days after initial startup of the facility, and as required by the Administrator. The Permittee shall determine the net heating value of the gas combusted to determine the process vent stream TRE using the methods listed in 40 CFR Section 60.704(d).	40 CFR Section 60.704(d)
CALCULATION REQUIREMENTS	hdr
The Total Resource Effectiveness (TRE) index value shall be maintained greater than 1.0 without the use of a VOC emission control device.	40 CFR Section 60.702(c)
The net heating value shall be calculated using the equation in (d)(4). Methods ASTM D2382-76, D2382-88, or D4809-95, as specified in Section 60.17, shall be used to determine the net heats of combustion.	40 CFR Section 60.704(d)
TRE index value Calculation Method: The Permittee shall calculate the TRE index values using both of the equations listed in Appendix A, EU002 of this permit (from 40 CFR Sections 60.704(e)(1) and (e)(2)) The lower of the two values shall be selected.	40 CFR Section 60.704(e)
The Permittee shall recalculate the TRE index value for the vent stream whenever process changes are made. Examples of process changes include changes in production capacity, feedstock type, or whenever there is replacement, removal, or addition of recovery equipment. TRE index value less than 1.0: Notify the Administrator within 1 week of the recalculation and conduct a performance test according to the methods and procedures required by 40 CFR Section 60.704. TRE index value greater than 1.0 but less than 8.0: Conduct a performance test according to the methods and procedures required by 40 CFR Sections 60.8 and 60.704. Performance tests should be conducted as soon as possible, but must be conducted within 180 days of the process change.	40 CFR Section 60.704(f)
RECORDKEEPING	hdr
The Permittee shall keep up-to-date, readily accessible records of the following: 1. Any changes in production capacity, feedstock type, or catalyst type, or of any replacement, removal, or addition of recovery equipment or reactors; 2. Any recalculation of the TRE index value performed pursuant to Section 60.704(f); and 3. The results of any performance test performed pursuant to the methods and procedures required by Section 60.704(d).	40 CFR Section 60.705(g)
The Permittee shall maintain a record of the initial test for determining the total resource effectiveness index and the results of the initial total resource effectiveness index calculation.	40 CFR Section 60.705(t)
REPORTING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-9** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: EU 009 Biodiesel Distillation**Associated Items:** CE 001 Flaring

GP 003 Facility Limits

SV 001 Flare Stack

What to do	Why to do it
NSPS SUBP. NNN REQUIREMENTS	hdr
The Permittee shall maintain the affected facility such that it has a total resource effectiveness (TRE) index value greater than 8.0.	40 CFR Section 60.660(c)(4)
The Permittee shall comply with paragraph (c) of 40 CFR Section 60.662 (below) for each vent stream on and after the date on which the initial performance test required by 40 CFR Section 60.8 and Section 60.664 is completed, but not later than 60 days after achieving the maximum production rate at which the affected facility will be operated, or 180 days after the initial start-up, whichever date comes first.	40 CFR Section 60.662
The Permittee shall: maintain a TRE index value greater than 1.0 without use of VOC emission control devices.	40 CFR Section 60.662(c)
When a flare is used to seek to comply with 40 CFR Section 60.662(b), the flare shall comply with the requirements of 40 CFR Section 60.18 (see CE001).	40 CFR Section 60.664(d)
The test methods in appendix A to 40 CFR pt. 60, except as provided under 40 CFR Section 60.8(b), shall be used for determining the net heating value of the gas combusted to determine compliance under 40 CFR Section 60.662(b) and for determining the process vent stream TRE index value to determine compliance under 40 CFR Section 60.662(c).	40 CFR Section 60.664(e)
For the purposes of complying with 40 CFR Section 60.662(c) the Permittee shall calculate the TRE index value of the vent stream using the equation for incineration in paragraph (f)(1) of 40 CFR Section 60.664 for halogenated vent streams. The Permittee shall determine the TRE index value for nonhalogenated vent streams by calculating values using both the incinerator equation in 40 CFR Section 60.664(f)(1) and the flare equation in 40 CFR Section 60.664(f)(2) and selecting the lower of the two values.	40 CFR Section 60.664(f)
TRE Index Value Calculation Method: The Permittee shall calculate the TRE index values using both the equations listed in Appendix A of this permit.	40 CFR Section 60.664(f)(1) and (2)
The Permittee shall keep up-to-date, readily accessible records of: (1) Any changes in production capacity, feedstock type, or catalyst type, or of any replacement, removal or addition of recovery equipment or a distillation unit; (2) Any recalculation of the TRE index value performed pursuant to 40 CFR Section 60.664(f); and (3) The results of any performance test performed pursuant to the methods and procedures required by 40 CFR Section 60.664(d).	40 CFR Section 60.665
The Permittee shall submit to the Administrator reports of any process change which resulted in a changed TRE index value.	40 CFR Section 60.665(f)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-10**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: CE 001 Flaring

Associated Items: EU 001 Vacuum Pump (Biodiesel Process)
 EU 002 Nitrogen Blanket (Vapor Vent Header)
 EU 003 Biodiesel Loadout
 EU 005 Acidulation
 EU 009 Biodiesel Distillation
 EU 011 Water Absorber
 GP 003 Facility Limits
 TK 006 Methanol (Fresh Methanol)
 TK 007 Methanol (Process Methanol)
 TK 008 Sodium Methylate

What to do	Why to do it
OPERATING REQUIREMENTS	hdr
The flare shall be designed and operated with no visible emissions as determined by Method 22, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.	40 CFR Section 60.18(c)(1)
The flare shall be operated with a pilot flame present at all times. The presence of a flare pilot flame shall be monitored using a thermocouple or other equivalent device to detect the presence of a flame.	40 CFR Section 60.18(c)(2)
The flare shall adhere to the specifications in paragraphs (c)(3)(ii) and (c)(4) of 40 CFR Section 60.18 or to paragraph (c)(3)(i) of 40 CFR Section 60.18. (c)(3)(ii) The flare shall be used only with the net heating value of the gas being combusted in the flare must be 300 BTU/scf or greater if the flare is steam assisted or air assisted; or 200 BTU/scf or greater if the flare is nonassisted. The heating value of the gas being combusted shall be determined using the methods specified in 40 CFR Section 60.18(f)(3).	40 CFR Section 60.18(c)(3)
(i) Steam-assisted and nonassisted flares shall be designed for and operated with an exit velocity, as determined by the methods specified in paragraph (f)(4) of 40 CFR Section 60.18, less than 60ft/sec, except as provided in paragraphs (c)(4)(ii) and (iii) of 40 CFR Section 60.18. (ii) Steam-assisted and nonassisted flares designed for and operated with an exit velocity, as determined by the methods specified in 40 CFR Section 60.18(f)(4), equal to or greater than 60 ft/sec but less than 400 ft/sec are allowed if the net heating value of the gas being combusted is greater than 1,000 Btu/scf. (iii) Steam-assisted and nonassisted flares designed for and operated with an exit velocity, as determined by the methods specified in paragraph 40 CFR Section 60.18(f)(4), less than the velocity, Vmax, as determined by the method specified in paragraph 40 CFR Section 60.18(f)(5), and less than 400 ft/sec are allowed.	40 CFR Section 60.18(c)(4)
The flare shall be operated at all times when emissions may be vented to it.	40 CFR Section 60.18(e)
(1) Method 22 of appendix A of 40 CFR pt. 60 shall be used to determine the compliance of flares with the visible emission provisions of 40 CFR pt. 60, subp. A. The observation period is 2 hours and shall be used according to Method 22. (2) The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of a flame. (3) The net heating value of the gas being combusted in a flare shall be calculated using the equation in Appendix C. (4) The actual exit velocity of a flare shall be determined by dividing the volumetric flowrate (in units of standard temperature and pressure), as determined by Reference Methods 2, 2A, 2C, or 2D as appropriate; by the unobstructed (free) cross sectional area of the flare tip. (5) The maximum permitted velocity, Vmax, for flares complying with paragraph (c)(4)(iii) of 40 CFR Section 60.18 shall be determined using the equation in Appendix C.	40 CFR Section 60.18(f)
(continued below)	

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-11**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

(continued from above)	40 CFR Section 60.18(f) continued
(6) The maximum permitted velocity, V_{max} , for air-assisted flares shall be determined by the equation in Appendix C.	
At all times, including periods of startup, shutdown, and malfunction, owners shall maintain and operate any affected facility in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.	Minn. R. 7007.0800, subp. 14; Minn. R. 7007.0800, subp. 16(J)
RECORDKEEPING	hdr
<p>The Permittee shall record all periods when the pilot flame is not present. Record the time, duration, cause (if known), and whether or not any emissions were vented to the flare during the period in which the pilot flame was not present. Document the corrective actions taken to restore the pilot flame.</p> <p>Anytime the pilot flame is not present shall be reported as a deviation on the semiannual deviations report.</p> <p>Records shall be maintained for a period of 5 years.</p>	Minn. R. 7007.0800, subp. 5

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-12** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Subject Item: FS 001 Equipment Leaks (MeOH)**Associated Items:** GP 003 Facility Limits

What to do	Why to do it
GENERAL REQUIREMENTS	hdr
Notification of any physical or operational change which increases emission rate: due 60 days (or as soon as practical) before the change is commenced.	40 CFR Section 60.7(a)(4); Minn. R. 7019.0100, subp. 1
Recordkeeping: Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of the facility including; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.	40 CFR Section 60.7(b), Minn. R. 7019.0100, subp. 1
Recordkeeping: Maintain a file of all measurements, maintenance, reports and records for at least five years.	Minn. R. 7007.0800, subp. 5(C); meets requirements of 40 CFR Section 60.7(f); Minn. R. 7019.0100, subp. 1
No owner or operator shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard.	40 CFR Section 60.12; Minn. R. 7011.0050
Each Permittee subject to the provisions of this subpart shall demonstrate compliance with the requirements of 40 CFR Sections 60.482-1a through 60.482-10a or Section 60.480a(e) for all equipment within 180 days of initial startup.	40 CFR Section 60.482-1a(a)
(g) If the storage vessel is shared with multiple process units, the process unit with the greatest annual amount of stored materials (predominant use) is the process unit the storage vessel is assigned to. If the storage vessel is shared equally among process units, and one of the process units has equipment subject to this subpart, the storage vessel is assigned to that process unit. If the storage vessel is shared equally among process units, none of which have equipment subject to this subpart of this part, the storage vessel is assigned to any process unit subject to subpart VVa of this part. If the predominant use of the storage vessel varies from year to year, then the Permittee must estimate the predominant use initially and reassess every 3 years. The Permittee must keep records of the information and supporting calculations that show how predominant use is determined. All equipment on the storage vessel must be monitored when in VOC service.	40 CFR Section 60.482-1a(g)
STANDARDS: PUMPS	hdr
Pumps in light liquid service: (a)(1) Each pump in light liquid service shall be monitored monthly to detect leaks by the methods specified in Section 60.485a(b), except as provided in Section 60.482-1a(c) and (f) and paragraphs (d), (e), and (f) of 40 CFR Section 60.482-2a. A pump that begins operation in light liquid service after the initial startup date for the process unit must be monitored for the first time within 30 days after the end of its startup period, except for a pump that replaces a leaking pump and except as provided in Section 60.482-1a(c) and paragraphs (d), (e), and (f) of 40 CFR Section 60.482-2a. (2) Each pump in light liquid service shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal, except as provided in Section 60.482-1a(f).	40 CFR Section 60.482-2a
The instrument reading that defines a leak is specified in paragraphs (b)(1)(i) and (ii) of 40 CFR pt. 60, subp. VV-a: (i) 5,000 parts per million (ppm) or greater for pumps handling polymerizing monomers; (ii) 2,000 ppm or greater for all other pumps.	40 CFR Section 60.482-2a(b)(1)

TABLE A: LIMITS AND OTHER REQUIREMENTS
A-13 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

<p>If there are indications of liquids dripping from the pump seal, the Permittee shall follow the procedure specified in either paragraph (b)(2)(i) or (ii) of 40 CFR pt. 60, subp. VV-a. This requirement does not apply to a pump that was monitored after a previous weekly inspection and the instrument reading was less than the concentration specified in paragraph (b)(1)(i) or (ii) of 40 CFR Section 60.482-2a, whichever is applicable.</p> <p>(i) Monitor the pump within 5 days as specified in Section 60.485a(b). A leak is detected if the instrument reading measured during monitoring indicates a leak as specified in paragraph (b)(1)(i) or (ii) of 40 CFR Section 60.482-2a, whichever is applicable. The leak shall be repaired using the procedures in paragraph (c) of 40 CFR Section 60.482-2a.</p> <p>(continued below)</p>	40 CFR Section 60.482-2a(b)(2)
<p>(continued from above)</p> <p>(ii) Designate the visual indications of liquids dripping as a leak, and repair the leak using either the procedures in paragraph (c) of 40 CFR Section 60.482-2a or by eliminating the visual indications of liquids dripping.</p>	40 CFR Section 60.482-2a(b)(2) continued
<p>(c)(1) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in Section 60.482-9a.</p> <p>(2) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected. First attempts at repair include, but are not limited to, the practices described in paragraphs (c)(2)(i) and (ii) of 40 CFR Section 60.482-2a, where practicable.</p>	40 CFR Section 60.482-2a(c)
<p>(d) Each pump equipped with a dual mechanical seal system that includes a barrier fluid system is exempt from the requirements of paragraph (a) of 40 CFR Section 60.482-2a, provided the requirements specified in paragraphs (d)(1) through (6) of 40 CFR Section 60.482a are met.</p>	40 CFR Section 60.482-2a(d)
<p>(e) Any pump that is designated, as described in Section 60.486a(e)(1) and (2), for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of paragraphs (a), (c), and (d) of 40 CFR Section 60.482-2a if the pump:</p> <p>(1) Has no externally actuated shaft penetrating the pump housing;</p> <p>(2) Is demonstrated to be operating with no detectable emissions as indicated by an instrument reading of less than 500 ppm above background as measured by the methods specified in Section 60.485a(c); and</p> <p>(3) Is tested for compliance with paragraph (e)(2) of 40 CFR Section 60.482-2a initially upon designation, annually, and at other times requested by the Administrator.</p>	40 CFR Section 60.482-2a(e)
<p>(f) If any pump is equipped with a closed vent system capable of capturing and transporting any leakage from the seal or seals to a process or to a fuel gas system or to a control device that complies with the requirements of Section 60.482-10a, it is exempt from paragraphs (a) through (e) of 40 CFR pt. 60, subp. VV-a.</p>	40 CFR Section 60.482-2a(f)
<p>(g) Any pump that is designated, as described in Section 60.486a(f)(1), as an unsafe-to-monitor pump is exempt from the monitoring and inspection requirements of paragraphs (a) and (d)(4) through (6) of 40 CFR Section 60.482-2a if:</p> <p>(1) The Permittee demonstrates that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with paragraph (a) of 40 CFR Section 60.482-2a; and</p> <p>(2) The Permittee has a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable, and repair of the equipment according to the procedures in paragraph (c) of 40 CFR Section 60.482-2a if a leak is detected.</p>	40 CFR Section 60.482-2a(g)
<p>(h) Any pump that is located within the boundary of an unmanned plant site is exempt from the weekly visual inspection requirement of paragraphs (a)(2) and (d)(4) of 40 CFR Section 60.482-2a, and the daily requirements of paragraph (d)(5) 40 CFR Section 60.482-2a, provided that each pump is visually inspected as often as practicable and at least monthly.</p>	40 CFR Section 60.482-2a(h)
STANDARDS: PRESURE RELIEF DEVICES IN GAS/VAPOR SERVICE	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-14** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

(a) Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background as determined by the methods specified in 40 CFR Section 60.485a(c).	40 CFR Section 60.482-4a(a)
(b)(1) After each pressure release, the pressure relief device shall be returned to a condition of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after the pressure release, except as provided in 40 CFR Section 60.482-9a (Delay of Repair).	40 CFR Section 60.482-4a(b)
(2) No later than 5 calendar days after the pressure release, the pressure relief device shall be monitored to confirm the conditions of no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, by the methods specified in 40 CFR Section 60.4853(c).	
(c) Any pressure relief device that is routed to a process or fuel gas system or equipped with a closed vent system capable of capturing and transporting leakage through the pressure relief device to a control device as described in Section 60.482-10a is exempted from the requirements of paragraphs (a) and (b) of 40 CFR Section 60.482-4a.	40 CFR Section 60.482-4a(c)
(d)(1) Any pressure relief device that is equipped with a rupture disk upstream of the pressure relief device is exempt from the requirements of paragraphs (a) and (b) of 40 CFR Section 60.482-4a, provided the Permittee complies with the requirements in paragraph (d)(2) of 40 CFR Section 60.482-4a.	40 CFR Section 60.482-4a(d)
(2) After each pressure release, a new rupture disk shall be installed upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in Section 60.482-9a.	
STANDARDS: SAMPLING CONNECTION SYSTEMS	hdr
(a) Each sampling connection system shall be equipped with a closed-purge, closed-loop, or closed-vent system, except as provided in Section 60.482-1a(c) and paragraph (c) of 40 CFR Section 60.482-5a.	40 CFR Section 60.482-5a(a)
(b) Each closed-purge, closed-loop, or closed-vent system as required in paragraph (a) of 40 CFR Section 60.482-5a shall comply with the requirements specified in paragraphs (b)(1) through (4).	40 CFR Section 60.482-5a(b)
(1) Gases displaced during filling of the sample container are not required to be collected or captured.	
(2) Containers that are part of a closed-purge system must be covered or closed when not being filled or emptied.	
(3) Gases remaining in the tubing or piping between the closed-purge system valve(s) and sample container valve(s) after the valves are closed and the sample container is disconnected are not required to be collected or captured.	
(4) Each closed-purge, closed-loop, or closed-vent system shall be designed and operated to meet requirements in either paragraph (b)(4)(i), (ii), (iii), or (iv) of 40 CFR Section 60.482-5a.	
(c) In-situ sampling systems and sampling systems without purges are exempt from the requirements of paragraphs (a) and (b) of 40 CFR Section 60.482-5a.	40 CFR Section 60.482-5a(c)
STANDARDS: VALVES	hdr
(a)(1) Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in Section 60.482-1a(c) and paragraphs (d) and (e) of 40 CFR Section 60.482-6a.	40 CFR Section 60.482-6a(a)
(2) The cap, blind flange, plug, or second valve shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line.	40 CFR Section 60.482-6a(b)
(b) Each open-ended valve or line equipped with a second valve shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.	
(c) When a double block-and-bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall comply with paragraph (a) of 40 CFR Section 60.482-6a at all other times.	40 CFR Section 60.482-6a(c)
(d) Open-ended valves or lines in an emergency shutdown system which are designed to open automatically in the event of a process upset are exempt from the requirements of paragraphs (a), (b), and (c) of 40 CFR Section 60.482-5a.	40 CFR Section 60.482-6a(d)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-15**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

(e) Open-ended valves or lines containing materials which would autocatalytically polymerize or would present an explosion, serious overpressure, or other safety hazard if capped or equipped with a double block and bleed system as specified in paragraphs (a) through (c) of 40 CFR Section 60.482-5a are exempt from the requirements of paragraphs (a) through (c) of 40 CFR Section 60.482-5a.	40 CFR Section 60.482-6a(e)
(a)(1) Each valve shall be monitored monthly to detect leaks by the methods specified in Section 60.485a(b) and shall comply with paragraphs (b) through (e) of 40 CFR Section 60.482-5a, except as provided in paragraphs (f), (g), and (h) of 40 CFR Section 60.482-5a, Section 60.482-1a(c) and (f), and Sections 60.483-1a and 60.483-2a.	40 CFR Section 60.482-7a(a)
(b) If an instrument reading of 500 ppm or greater is measured, a leak is detected. (c)(1)(i) Any valve for which a leak is not detected for 2 successive months may be monitored the first month of every quarter, beginning with the next quarter, until a leak is detected. (ii) As an alternative to monitoring all of the valves in the first month of a quarter, the Permittee may elect to subdivide the process unit into two or three subgroups of valves and monitor each subgroup in a different month during the quarter, provided each subgroup is monitored every 3 months. The Permittee must keep records of the valves assigned to each subgroup. (2) If a leak is detected, the valve shall be monitored monthly until a leak is not detected for 2 successive months.	40 CFR Section 60.482-7a(b) and (c)
(d)(1) When a leak is detected, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected, except as provided in Section 60.482-9a. (2) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected. (e) First attempts at repair include, but are not limited to, the following best practices where practicable: (1) Tightening of bonnet bolts; (2) Replacement of bonnet bolts; (3) Tightening of packing gland nuts; (4) Injection of lubricant into lubricated packing.	40 CFR Section 60.482-7a(d) and (e)
(f) Any valve that is designated, as described in Section 60.486a(e)(2), for no detectable emissions, as indicated by an instrument reading of less than 500 ppm above background, is exempt from the requirements of paragraph (a) of 40 CFR Section 60.482-7a if the valve: (1) Has no external actuating mechanism in contact with the process fluid, (2) Is operated with emissions less than 500 ppm above background as determined by the method specified in Section 60.485a(c), and (3) Is tested for compliance with paragraph (f)(2) of 40 CFR Section 60.482-7a initially upon designation, annually, and at other times requested by the Administrator.	40 CFR Section 60.482-7a(f)
(g) Any valve that is designated, as described in Section 60.486a(f)(1), as an unsafe-to-monitor valve is exempt from the requirements of paragraph (a) of 40 CFR Section 60.482-7a if: (1) The Permittee demonstrates that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with paragraph (a) of 40 CFR Section 60.482-7a, and (2) The Permittee adheres to a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times.	40 CFR Section 60.482-7a(g)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-16**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

<p>(h) Any valve that is designated, as described in Section 60.486a(f)(2), as a difficult-to-monitor valve is exempt from the requirements of paragraph (a) of Section 60.487a if:</p> <p>(1) The Permittee demonstrates that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface.</p> <p>(2) The process unit within which the valve is located:</p> <p>(i) Becomes an affected facility through Section 60.14 or 60.15 and was constructed on or before January 5, 1981; or</p> <p>(ii) Has less than 3.0 percent of its valves designated as difficult-to-monitor by the Permittee.</p> <p>(3) The Permittee follows a written plan that requires monitoring of the valve at least once per calendar year.</p>	40 CFR Section 60.482-7a(h)
STANDARDS: PUMPS, VALVES, AND CONNECTORS IN HEAVY LIQUID SERVICE AND PRESSURE RELIEF DEVICES IN LIGHT LIQUID OR HEAVY LIQUID SERVICE	hdr
<p>(a) If evidence of a potential leak is found by visual, audible, olfactory, or any other detection method at pumps, valves, and connectors in heavy liquid service and pressure relief devices in light liquid or heavy liquid service, the Permittee shall follow either one of the following procedures:</p> <p>(1) The Permittee shall monitor the equipment within 5 days by the method specified in Section 60.485a(b) and shall comply with the requirements of paragraphs (b) through (d) of 40 CFR Section 60.482-8a.</p> <p>(2) The Permittee shall eliminate the visual, audible, olfactory, or other indication of a potential leak within 5 calendar days of detection.</p>	40 CFR Section 60.482-8a(a)
<p>(b) If an instrument reading of 10,000 ppm or greater is measured, a leak is detected.</p> <p>(c)(1) When a leak is detected, it shall be repaired as soon as practical, but not later than 15 calendar days after it is detected, except as provided in 40 CFR Section 60.482-9a (delay of repair).</p> <p>(2) The first attempt at repair shall be made no later than 5 calendar days after each leak is detected.</p>	40 CFR Section 60.482-8a(b) and (c)
(d) First attempts at repair include, but are not limited to, the best practices described under 40 CFR Sections 60.482-2a(c)(2) and 60.482-7a(e).	40 CFR Section 60.482-8a(d)
STANDARDS: DELAY OF REPAIR	hdr
(a) Delay of repair of equipment for which leaks have been detected will be allowed if repair within 15 days is technically infeasible without a process unit shutdown. Repair of this equipment shall occur before the end of the next process unit shutdown. Monitoring to verify repair must occur within 15 days after startup of the process unit.	40 CFR Section 60.482-9a(a)
(b) Delay of repair of equipment will be allowed for equipment which is isolated from the process and which does not remain in VOC service.	40 CFR Section 60.482-9a(b)
<p>(c) Delay of repair for valves and connectors will be allowed if:</p> <p>(1) The Permittee demonstrates that emissions of purged material resulting from immediate repair are greater than the fugitive emissions likely to result from delay of repair, and</p> <p>(2) When repair procedures are effected, the purged material is collected and destroyed or recovered in a control device complying with Section 60.482-10a.</p>	40 CFR Section 60.482-9a(c)
<p>(d) Delay of repair for pumps will be allowed if:</p> <p>(1) Repair required the use of a dual mechanical seal system that includes a barrier fluid system, and</p> <p>(2) Repair is completed as soon as practicable, but not later than 6 months after the leak was detected.</p>	40 CFR Section 60.482-9a(d)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-17** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

(e) Delay of repair beyond a process unit shutdown will be allowed for a valve, if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the next process unit shutdown will not be allowed unless the next process unit shutdown occurs sooner than 6 months after the first process unit shutdown.	40 CFR Section 60.482-9a(e)
(f) When delay of repair is allowed for a leaking pump, valve, or connector that remains in service, the pump, valve, or connector may be considered to be repaired and no longer subject to delay of repair requirements if two consecutive monthly monitoring instrument readings are below the leak definition.	40 CFR Section 60.482-9a(f)
STANDARDS: CLOSED VENT SYSTEMS AND CONTROL DEVICES	hdr
(a) If the Permittee uses closed vent systems and/or control devices to comply with provisions of 40 CFR pt. 60, subp. VV-a, the Permittee shall comply with the provisions of 40 CFR Section 60.482-10a.	40 CFR Section 60.482-10a(a)
(b) Vapor recovery systems (for example, condensers and absorbers) shall be designed and operated to recover the VOC emissions vented to them with an efficiency of 95 percent or greater, or to an exit concentration of 20 parts per million by volume (ppmv), whichever is less stringent.	40 CFR Section 60.482-10a(b)
(c) Enclosed combustion devices shall be designed and operated to reduce the VOC emissions vented to them with an efficiency of 95 percent or greater, or to an exit concentration of 20 ppmv, on a dry basis, corrected to 3 percent oxygen, whichever is less stringent or to provide a minimum residence time of 0.75 seconds at a minimum temperature of 816 °C.	40 CFR Section 60.482-10a(c)
(d) Flares used to comply with this subpart shall comply with the requirements of Section 60.18.	40 CFR Section 60.482-10a(d)
(e) If the Permittee uses control devices to comply with the provisions of 40 CFR pt. 60, subp. VV-a, the Permittee shall monitor these control devices to ensure that they are operated and maintained in conformance with their designs.	40 CFR Section 60.482-10a(e)
(f) Except as provided in paragraphs (i) through (k), each closed vent system shall be inspected according to the procedures and schedule specified in paragraphs (f)(1) and (2). (1) If the vapor collection system or closed vent system is constructed of hard-piping, the Permittee shall comply with the requirements specified in paragraphs (f)(1)(i) and (ii): (i) Conduct an initial inspection according to the procedures in Section 60.485a(b); and (ii) Conduct annual visual inspections for visible, audible, or olfactory indications of leaks. (2) If the vapor collection system or closed vent system is constructed of ductwork, the Permittee shall: (i) Conduct an initial inspection according to the procedures in Section 60.485a(b); and (ii) Conduct annual inspections according to the procedures in Section 60.485a(b).	40 CFR Section 60.482-10a(f)
(g) Leaks, as indicated by an instrument reading greater than 500 ppmv above background or by visual inspections, shall be repaired as soon as practicable except as provided in paragraph (h) of 40 CFR Section 60.482-10a. (1) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. (2) Repair shall be completed no later than 15 calendar days after the leak is detected.	40 CFR Section 60.482-10a(g)
(h) Delay of repair of a closed vent system for which leaks have been detected is allowed if the repair is technically infeasible without a process unit shutdown or if the Permittee determines that emissions resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair. Repair of such equipment shall be complete by the end of the next process unit shutdown.	40 CFR Section 60.482-10a(h)
(i) If a vapor collection system or closed vent system is operated under a vacuum, it is exempt from the inspection requirements of paragraphs (f)(1)(i) and (f)(2) of 40 CFR Section 60.482-10a.	40 CFR Section 60.482-10a(i)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-18**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

<p>(j) Any parts of the closed vent system that are designated, as described in paragraph (l)(1) of this section, as unsafe to inspect are exempt from the inspection requirements of paragraphs (f)(1)(i) and (f)(2) of 40 CFR Section 60.482-10a if they comply with the requirements specified in paragraphs (j)(1) and (2) of 40 CFR Section 60.482-10a:</p> <p>(1) The Permittee determines that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with paragraphs (f)(1)(i) or (f)(2) of 40 CFR Section 60.482-10a; and</p> <p>(2) The Permittee has a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times.</p>	40 CFR Section 60.482-10a(j)
<p>(k) Any parts of the closed vent system that are designated, as described in paragraph (l)(2) of 40 CFR Section 60.482-10a, as difficult to inspect are exempt from the inspection requirements of paragraphs (f)(1)(i) and (f)(2) of 40 CFR Section 60.482-10a if they comply with the requirements specified in paragraphs (k)(1) through (3) of 40 CFR Section 60.482-10a:</p> <p>(1) The Permittee determines that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface; and</p> <p>(2) The process unit within which the closed vent system is located becomes an affected facility through Sections 60.14 or 60.15, or the Permittee designates less than 3.0 percent of the total number of closed vent system equipment as difficult to inspect; and</p> <p>(3) The Permittee has a written plan that requires inspection of the equipment at least once every 5 years. A closed vent system is exempt from inspection if it is operated under a vacuum.</p>	40 CFR Section 60.482-10a(k)
<p>(l) The Permittee shall record the information specified in paragraphs (l)(1) through (5).</p> <p>(1) Identification of all parts of the closed vent system that are designated as unsafe to inspect, an explanation of why the equipment is unsafe to inspect, and the plan for inspecting the equipment.</p> <p>(2) Identification of all parts of the closed vent system that are designated as difficult to inspect, an explanation of why the equipment is difficult to inspect, and the plan for inspecting the equipment.</p> <p>(3) For each inspection during which a leak is detected, a record of the information specified in Section 60.486a(c).</p> <p>(4) For each inspection conducted in accordance with Section 60.485a(b) during which no leaks are detected, a record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.</p> <p>(continued below)</p>	40 CFR Section 60.482-10a(l)
<p>(continued from above)</p> <p>(5) For each visual inspection conducted in accordance with paragraph (f)(1)(ii) of 40 CFR Section 60.482-10a during which no leaks are detected, a record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.</p>	40 CFR Section 60.482-10a(l) continued
<p>(m) Closed vent systems and control devices used to comply with provisions of this subpart shall be operated at all times when emissions may be vented to them.</p>	40 CFR Section 60.482-10a(m)
<p>STANDARDS: CONNECTORS IN GAS/VAPOR SERVICE AND LIGHT LIQUID SERVICE</p>	hdr
<p>(a) The Permittee shall initially monitor all connectors in the process unit for leaks by the later of either 12 months after the compliance date or 12 months after initial startup. If all connectors in the process unit have been monitored for leaks prior to the compliance date, no initial monitoring is required provided either no process changes have been made since the monitoring or the Permittee can determine that the results of the monitoring, with or without adjustments, reliably demonstrate compliance despite process changes. If required to monitor because of a process change, the Permittee is required to monitor only those connectors involved in the process change.</p>	40 CFR Section 60.482-11a(a)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-19**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

<p>(b) Except as allowed in Section 60.482-1a(c), Section 60.482-10a, or as specified in paragraph (e) of 40 CFR Section 60.482-11a, the Permittee shall monitor all connectors in gas and vapor and light liquid service as specified in paragraphs (a) and (b)(3) of this section.</p> <p>(1) The connectors shall be monitored to detect leaks by the method specified in Section 60.485a(b) and, as applicable, Section 60.485a(c).</p> <p>(2) If an instrument reading greater than or equal to 500 ppm is measured, a leak is detected.</p>	40 CFR Section 60.482-11a(b)(1) and (2)
<p>(3) The Permittee shall perform monitoring, subsequent to the initial monitoring required in paragraph (a) of 40 CFR Section 60.482-11a, as specified in paragraphs (b)(3)(i) through (iii) of 40 CFR Section 60.482-11a, and shall comply with the requirements of paragraphs (b)(3)(iv) and (v) of 40 CFR Section 60.482-11a. The required period in which monitoring must be conducted shall be determined from paragraphs (b)(3)(i) through (iii) of 40 CFR Section 60.482-11a using the monitoring results from the preceding monitoring period. The percent leaking connectors shall be calculated as specified in paragraph (c) of 40 CFR Section 60.482-11a.</p>	40 CFR Section 60.482-11a(b)(3)
<p>For use in determining the monitoring frequency, as specified in paragraphs (a) and (b)(3) of this section, the percent leaking connectors as used in paragraphs (a) and (b)(3) of 40 CFR Section 60.482-11a, the percent leaking connectors as used in paragraphs (a) and (b)(3) of 40 CFR Section 60.482-11a shall be calculated by using the equation in 40 CFR Section 60.482-11a(c).</p>	40 CFR Section 60.482-11a(c)
<p>(d) When a leak is detected pursuant to paragraphs (a) and (b) of this section, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in Section 60.482-9a. A first attempt at repair as defined in this subpart shall be made no later than 5 calendar days after the leak is detected.</p>	40 CFR Section 60.482-11a(d)
<p>(e) Any connector that is designated, as described in Section 60.486a(f)(1), as an unsafe-to-monitor connector is exempt from the requirements of paragraphs (a) and (b) of 40 CFR Section 60.482-11a if:</p> <p>(1) The Permittee demonstrates that the connector is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with paragraphs (a) and (b) of 40 CFR Section 60.482-11a; and</p> <p>(2) The Permittee has a written plan that requires monitoring of the connector as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable, and repair of the equipment according to the procedures in paragraph (d) of 40 CFR Section 60.482-11a if a leak is detected.</p>	40 CFR Section 60.482-11a(e)
<p>(f) Inaccessible, ceramic, or ceramic-lined connectors. (1) Any connector that is inaccessible or that is ceramic or ceramic-lined (e.g., porcelain, glass, or glass-lined), is exempt from the monitoring requirements of paragraphs (a) and (b) of this section, from the leak repair requirements of paragraph (d) of 40 CFR Section 60.482-11a, and from the recordkeeping and reporting requirements of Sections 63.1038 and 63.1039. An inaccessible connector is one that meets any of the provisions specified in paragraphs (f)(1)(i) through (vi) of 40 CFR Section 60.482-11a, as applicable.</p>	40 CFR Section 60.482-11a(f)
<p>(g) Except for instrumentation systems and inaccessible, ceramic, or ceramic-lined connectors meeting the provisions of paragraph (f) of 40 CFR Section 60.482-11a, identify the connectors subject to the requirements of this subpart. Connectors need not be individually identified if all connectors in a designated area or length of pipe subject to the provisions of this subpart are identified as a group, and the number of connectors subject is indicated.</p>	40 CFR Section 60.482-11a(g)
STANDARDS: TESTING PROCEDURES	hdr
Compliance shall be determined by the methods specified in 40 CFR Section 60.485a.	40 CFR Section 60.485a
STANDARDS: RECORDKEEPING	hdr

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-20**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

<p>(b) When each leak is detected, the following requirements apply:</p> <p>(1) A weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment.</p> <p>(2) The identification on a valve may be removed after it has been monitored for 2 successive months as specified in 40 CFR Section 60.482-7a(c) and no leak has been detected during those 2 months.</p> <p>(3) The identification on a connector may be removed after it has been monitored as specified in Section 60.482-11a(b)(3)(iv) and no leak has been detected during that monitoring.</p> <p>(4) The identification on equipment, except on a valve or connector, may be removed after it has been repaired.</p>	40 CFR Section 60.486a(b)
<p>(c) When each leak is detected the following information shall be recorded in a log and shall be kept for 2 years in a readily accessible location:</p> <p>(1) The instrument and operator identification numbers and the equipment identification number.</p> <p>(2) The date the leak was detected and the dates of each attempt to repair the leak.</p> <p>(3) Repair methods applied in each attempt to repair the leak.</p> <p>(4) Maximum instrument reading measured by Method 21 of appendix A-7 of this part at the time the leak is successfully repaired or determined to be nonrepairable, except when a pump is repaired by eliminating indications of liquids dripping.</p> <p>(5) Repair delayed and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.</p> <p>(continued below)</p>	40 CFR Section 60.486a(c)
<p>(continued from above)</p> <p>(6) The signature of the Permittee whose decision it was that the repair could not be effected without a process shutdown.</p> <p>(7) The expected date of successful repair of the leak if a leak is not repaired within 15 days.</p> <p>(8) Dates of process unit shutdown that occur while the equipment is unrepaired.</p> <p>(9) The date of successful repair of the leak.</p>	40 CFR Section 60.486a(c) continued
<p>(d) The information pertaining to the design requirements for closed vent systems and required control devices described in Section 60.482-10a shall be recorded and kept in a readily accessible location:</p> <p>(1) Detailed schematics, design specifications, and piping and instrumentation diagrams.</p> <p>(2) The dates and descriptions of any changes in the design specifications.</p> <p>(3) A description of the parameter(s) monitored per Section 60.482-10a(e), to ensure that control devices are operated and maintained in conformance with their design and an explanation of why that parameter(s) was selected.</p> <p>(4) Periods when the closed vent systems and required control devices are not operated as designed, including periods when a flare pilot light does not have a flame.</p> <p>(5) Dates of startups and shutdowns of the closed vent systems and required control devices.</p>	40 CFR Section 60.486a(d)
<p>(e) Information pertaining to all equipment subject to the requirements in Section 60.482-1a to 60.482-11a shall be recorded in a log that is kept in a readily accessible location and contain the information specified in 40 CFR Section 486a(e)(1) through (10).</p>	40 CFR Section 60.486a(e)

TABLE A: LIMITS AND OTHER REQUIREMENTS**A-21**

01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

<p>(f) The following information pertaining to all valves subject to the requirements of Section 60.482-7a(g) and (h), all pumps subject to the requirements of Section 60.482-2a(g), and all connectors subject to the requirements of Section 60.482-11a(e) shall be recorded in a log that is kept in a readily accessible location:</p> <p>(1) A list of identification numbers for valves, pumps, and connectors that are designated as unsafe-to-monitor, an explanation for each valve, pump, or connector stating why the valve, pump, or connector is unsafe-to-monitor, and the plan for monitoring each valve, pump, or connector.</p> <p>(2) A list of identification numbers for valves that are designated as difficult-to-monitor, an explanation for each valve stating why the valve is difficult-to-monitor, and the schedule for monitoring each valve.</p>	40 CFR Section 60.486a(f)
<p>(g) The following information shall be recorded for valves complying with Section 60.483-2a:</p> <p>(1) A schedule of monitoring.</p> <p>(2) The percent of valves found leaking during each monitoring period.</p>	40 CFR Section 60.486a(g)
<p>(h) The following information shall be recorded in a log that is kept in a readily accessible location:</p> <p>(1) Design criterion required in Sections 60.482-2a(d)(5) and 60.482-3a(e)(2) and explanation of the design criterion; and</p> <p>(2) Any changes to this criterion and the reasons for the changes.</p>	40 CFR Section 60.486a(h)
<p>(i) The following information shall be recorded in a log that is kept in a readily accessible location for use in determining exemptions as provided in Section 60.480a(d):</p> <p>(1) An analysis demonstrating the design capacity of the affected facility,</p> <p>(2) A statement listing the feed or raw materials and products from the affected facilities and an analysis demonstrating whether these chemicals are heavy liquids or beverage alcohol, and</p> <p>(3) An analysis demonstrating that equipment is not in VOC service.</p>	40 CFR Section 60.486a(i)
<p>(j) Information and data used to demonstrate that a piece of equipment is not in VOC service shall be recorded in a log that is kept in a readily accessible location.</p>	40 CFR Section 60.486a(j)
<p>(k) The provisions of Section 60.7(b) and (d) do not apply to affected facilities subject to 40 CFR pt. 60, subp. VV-a.</p>	40 CFR Section 60.486a(j) and (k)
REPORTING REQUIREMENTS	hdr
<p>(a) Permittee shall submit semiannual reports to the Administrator beginning six months after the initial startup date.</p>	40 CFR Section 60.487a(a)
<p>(b) The initial semiannual report to the Administrator shall include the following information:</p> <p>(1) Process unit identification,</p> <p>(2) Number of valves subject to the requirements of 40 CFR Section 60.482-7a,</p> <p>(3) Number of pumps subject to the requirements of 40 CFR Section 60.482-2a,</p> <p>(4) Number of compressors subject to the requirements of 40 CFR Section 60.482-3a</p> <p>(5) Number of connectors subject to the requirements of 40 CFR Section 60.482-11a</p>	40 CFR Section 60.487a(b)
<p>(c) All semiannual reports to the Administrator shall include the information in 40 CFR Section 60.487a(c), summarized from the information in 40 CFR Section 60.486a.</p>	40 CFR Section 60.487a(c)
<p>If the Permittee elects to comply with the provisions of 40 CFR Sections 60.483-1a or 60.483-2a, the Permittee shall notify the Administrator of the alternative standard selected 90 days before implementing either of the provisions.</p>	40 CFR Section 60.483a(d)
<p>(e) Report the results of all performance tests in accordance with 40 CFR Section 60.8. The provisions of 40 CFR Section 60.8(d) do not apply to affected facilities subject to the provisions of 40 CFR pt. 60, subp. VV-a except that the Permittee must notify the Administrator of the schedule for the initial performance tests at least 30 days before the initial performance tests.</p>	40 CFR Section 60.487a(e)

TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: REG Albert Lea LLC
Permit Number: 04700061 - 002

(f) The requirements of paragraphs (a) through (c) of this section remain in force until and unless EPA, in delegating enforcement authority to a state under section 111(c) of the CAA, approves reporting requirements or an alternative means of compliance surveillance adopted by such state. In that event, affected sources within the state will be relieved of the obligation to comply with the requirements of paragraphs (a) through (c) of this section, provided that they comply with the requirements established by the state.	40 CFR Section 60.487a(f)
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TABLE B: SUBMITTALS**B-1** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Chief Air Enforcement
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

Send any application for a permit or permit amendment to:

Fiscal Services
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Also, where required by an applicable rule or permit condition, send to the Permit Document Coordinator notices of:

- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- changes that contravene a permit term.

Unless another person is identified in the applicable Table, send all other submittals to:

AQ Compliance Tracking Coordinator
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

TABLE B: ONE TIME SUBMITTALS OR NOTIFICATIONS

Facility Name: REG Albert Lea LLC
Permit Number: 04700061 - 002

What to send	When to send	Portion of Facility Affected
Notification of the Actual Date of Initial Startup	due 15 days after Initial Startup	FS001
Notification of the Date Construction Began	due 30 days after Start Of Construction Submit the name and number of each unit and the date construction of each unit began.	FS001

TABLE B: RECURRENT SUBMITTALS**B-3** 01/15/13

Facility Name: REG Albert Lea LLC

Permit Number: 04700061 - 002

What to send	When to send	Portion of Facility Affected
Report	due 31 days after end of each calendar half-year following Initial Startup that includes the information specified in 40 CFR 60.487a(b) through (e).	FS001
Semiannual Deviations Report	due 30 days after end of each calendar half-year starting 09/14/2004 . The initial report shall be submitted within 6 months after the initial start-up date. The semiannual deviation report shall include the following recorded information: 1. Exceedances of monitored parameters recorded under Section 60.705(g); 2. Any recalculation of the TRE index value, as recorded under Section 60.705(g).	EU002
Semiannual Deviations Report	due 30 days after end of each calendar half-year starting 09/14/2004. The first semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31. If no deviations have occurred, the Permittee shall submit the report stating no deviations.	Total Facility
The Permittee shall submit to the Administrator semiannual reports of the following recorded information: (1) Exceedances of monitored parameters recorded under 40 CFR Section 60.665(c) and (g). (2) All periods recorded under 40 CFR Section 60.665(d) when the vent stream is diverted from the control device or has no flow rate. (3) All periods recorded under 40 CFR Section 60.665(e) when the boiler or process heater was not operating. (4) All periods recorded under 40 CFR Section 60.665(f) in which the pilot flame of the flare was absent. The semiannual Report	(1) Exceedances of monitored parameters recorded under 40 CFR Section 60.665(c) and (g). (2) All periods recorded under 40 CFR Section 60.665(d) when the vent stream is diverted from the control device or has no flow rate. (3) All periods recorded under 40 CFR Section 60.665(e) when the boiler or process heater was not operating. (4) All periods recorded under 40 CFR Section 60.665(f) in which the pilot flame of the flare was absent. The semiannual Report: due before end of each half-year following Initial Startup	EU001
The Permittee shall submit to the Administrator semiannual reports of the following recorded information: (1) Exceedances of monitored parameters recorded under 40 CFR Section 60.665(c) and (g). (2) All periods recorded under 40 CFR Section 60.665(d) when the vent stream is diverted from the control device or has no flow rate. (3) All periods recorded under 40 CFR Section 60.665(e) when the boiler or process heater was not operating. (4) All periods recorded under 40 CFR Section 60.665(f) in which the pilot flame of the flare was absent. The semiannual Report	(1) Exceedances of monitored parameters recorded under 40 CFR Section 60.665(c) and (g). (2) All periods recorded under 40 CFR Section 60.665(d) when the vent stream is diverted from the control device or has no flow rate. (3) All periods recorded under 40 CFR Section 60.665(e) when the boiler or process heater was not operating. (4) All periods recorded under 40 CFR Section 60.665(f) in which the pilot flame of the flare was absent. The semiannual Report: due before end of each half-year following Initial Startup	EU009
Compliance Certification	due 30 days after end of each calendar year starting 09/14/2004 (for the previous calendar year). To be submitted to the Commissioner on a form approved by the Commissioner. This report covers all deviations experienced during the calendar year.	Total Facility