

EPA Region 10 Compliance Assistance Packet

EPA's 6C - Gas Dispensing Facility Rule

Subpart CCCCCC – National Emission Standards for Hazardous Air Pollutants for  
Source Category: Gasoline Dispensing Facilities

40 CFR Part 63.11110 – 63.11132

Brook Madrone – R10 Air Toxics Program

[Madrone.Brook@epa.gov](mailto:Madrone.Brook@epa.gov)

# **Region 10 EPA 4-Part Compliance Assistance Packet for EPA's 6C Gas Dispensing Facility Rule**

## **Table of Contents**

### **Part 1:**

**Introductory Tips for 6C Gas Dispensing Facility (GDF) Notification Forms – EPA Region 10**      **page 2**

### **Part 2:**

**Review Information for 6C GDF Notification Forms, Reports and Appendices – EPA Region 10**

**Review Information for CCCCCC GDF**      **pages 3 - 8**

#### **Appendices:**

**Appendix 1 - Table 1 to Subpart CCCCCC**      **page 9**

**Appendix 2 – Definitions**      **page 10**

**Appendix 3 – 6C Rule Segments Referred to in Pages 2-7**      **pages 11 - 18**

### **Part 3:**

**Form – Example Initial Notification/Notification of Compliance Status for Gasoline Dispensing Facilities (GDFs) – EPA Region 10**      **pages 19 - 22**

### **Part 4:**

**Summary of Regulations Controlling Emissions from Gasoline Dispensing Facilities (GDF) Brochure**  
**pages 23 - 24**

## Part 1 - Introductory Tips for 6C Gas Dispensing Facility (GDF) Notification Forms – EPA Region 10

This Introductory document (Part 1), the Review document (Part 2), the Summary Brochure (Part 3) and the Example Notification form (Part 4) make up a 4-part packet which provides assistance with the reporting requirements for EPA's 6C rule for gas dispensing facilities (GDFs). **Disclaimer:** The information in this packet was compiled to assist GDFs with 6C reporting in Region 10 and not as a legal document. **Questions?** Call Brook Madrone at (206) 553-0244 or E-mail: [Madrone.Brook@epa.gov](mailto:Madrone.Brook@epa.gov).

**Example Form** – The Example form is a combined Initial Notification and Notification of Compliance Status form for 40 CFR Part 63, Subpart CCCCCC (6C) - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities (GDFs). It is provided with the intention of simplifying the reporting process. Completed Example forms can be saved or scanned and e-mailed to Brook Madrone at: [Madrone.Brook@epa.gov](mailto:Madrone.Brook@epa.gov). Paper copies are not required. \*Those without e-mail can mail forms or letters to the Program Director – see address at the bottom of the page. GDFs can also submit their own form or letter with the required information rather than the Example form.

**When do I have to submit a Notification of Compliance Status Form or letter?** If your GDF is a new, reconstructed, or existing station that is subject to 6C; installed a vapor balance system to meet 6C requirements; and is in compliance with them at the time that the Initial Notification is due, then the Notification of Compliance Status may be submitted instead. This Compliance Notification is required when the station becomes subject to 6C and every three years thereafter (and includes Performance Tests -see below). Compliance Notification with Performance Tests is required unless the GDF is in compliance with a state, local or Tribal rule as specified under 6C. See C below & 63.11124 in Part 2.

**Performance Tests** – The Performance Test or other compliance demonstration is required at initial compliance date and every three years thereafter within 60 days of the applicable compliance date.

### EXCEPTIONS to EPA 6C reporting requirements:

- A. Delegated Regulatory Authority** - both the Northwest Clean Air Agency (NWCAA – Whatcom, Island and Skagit counties) and the Southwest Clean Air Agency (SWCAA – Lewis, Skamania, Clark, Cowlitz and Wahkiakum counties) in Washington state have taken delegation of the federal EPA 6C rule and are administering the equivalent of the rule in their jurisdictions. If your GDF is located within their jurisdiction you do not need to submit 6C notifications, reports or test results to EPA Region 10.
- B. Small Capacity Tanks** – GDFs with gasoline storage tanks having a capacity of less than 250 gallons are not required to meet the submerged fill requirements **or report to EPA**, but are required to meet the practice requirements.
- C. Non-Delegated and Enforceable State, local or Tribal rule** - You do not have to submit 6C notifications, reports or test results to EPA if prior to January 10, 2008, your GDF was operating **in compliance with an enforceable State, local or Tribal rule or permit** that meets the **submerged fill** requirements found in 6C section 63.11117, and the **vapor balance** requirements found in section 63.11118 and Table 1 to Subpart 6C of Part 63 (see **Part 2: Review** document for more information).

**\*For those without e-mail access – mail forms here:**

Program Director  
EPA Region 10 Office of Air, Waste and Toxics  
Air Toxics Program – AWT 107  
1200 6<sup>th</sup> Ave, Suite 900  
Seattle, Washington 98101

## **Part 2- Review Information for 6C GDF: Notification Forms, Reports and Appendices - EPA Region 10**

The purpose of this document is to review 6C requirements in order to provide assistance in submitting Example Initial Notification and Notification of Compliance Status forms for 40 CFR Part 63, Subpart CCCCCC (6C)- National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities. Please see the “Part 4: Form - Example Initial Notification/Notification of Compliance Status for Gasoline Dispensing Facilities (GDFs) – EPA Region 10” of this Packet. General 6C requirements, Performance Test reporting requirements and 40 CFR Part 63, Subpart A – General Provisions requirements from Table 3 in Subpart CCCCCC are incorporated in Appendix 1, the first of 4 Appendices in this document as well. For simplicity, CCCCCC will be referred to as 6C in the remainder of this document. All rule sections referenced in this document can be found in the Appendices.

**Disclaimer:** This document is intended as a regulatory outline tool to assist GDFs and their consultants in the completion of the 6C reporting requirements. It is not a legal document.

- A) Delegated Regulatory Authority - exceptions to EPA 6C reporting requirements:** both the Northwest Clean Air Agency (NWCAA – Whatcom, Island and Skagit counties) and the Southwest Clean Air Agency (SWCAA – Lewis, Skamania, Clark, Cowlitz and Wahkiakum counties) have taken delegation of the federal 6C rule. If your GDF is located within the jurisdiction of the NWCAA, or SWCAA in Washington State, then you are required to meet the GDF regulations of these agencies and are not required to submit Notifications, Reports, or test results to EPA Region 10.

**For 1 & 2 directly below: if you had a GDF in operation prior to January 10, 2008, your GDF would fall under one of these exceptions to EPA 6C reporting requirements if your local or state clean air agency required the following:**

- 1. Submerged Fill** - GDFs with a monthly throughput of 10,000 gallons or more operating in compliance with an enforceable State, local, or Tribal rule or permit requiring submerged fill prior to January 10, 2008 as specified in 63.11117(b) (see Appendix 3 of this document) would be an exception to the 6C rule.
- 2. Vapor Balance** – GDFs with a monthly throughput of 100,000 gallons or more operating a vapor balance system prior to January 10, 2008 that:
  - a) achieves** emissions reduction of at least 90 percent, OR
  - b) operates** using management practices at least as stringent as those in subpart 6C Table 1 – (must meet all requirements 1a-h, and 2 in table 1, Appendix 1 of this document) AND
  - c) operates** in compliance with an enforceable State, local, or tribal rule or permit that requires either:
    - (1) emissions** reduction of at least 90%, or
    - (2) operates** using management practices at least as stringent as in subpart 6C, Table 1 (See Appendix 1 of this document); 1 (a)-(h) & 2 would be an exception to the 6C rule.

**B) Short summary of number and type of compliance notification reports required under 6C:**

- 1. Initial Notification** required – unless the Notification of Compliance Status form can be submitted instead – see **Notifications and Reports** - Section G below for information.

2. **Notification of Compliance Status** form or letter is required initially either at the compliance date (see 63.11113 in Appendix 3 of this document) including at the time of the installation of a vapor balance system in an existing station, or upon start-up if a new station, and every 3 years thereafter. Includes Performance Test data/report – see Notifications and Reports - Section G below.
3. **Performance Tests** – required at compliance dates (see 63.11113); upon installation of a vapor balance system; or upon start-up and every 3 years thereafter for each. Also see Performance Test Data/Report - Section H below; Initial Compliance Based on Affected Source Type – Section E below; and Testing and Monitoring - Section F below.
4. **Malfunction Reports** – submitted annually (calendar year) by March 15<sup>th</sup> for the previous year unless there is no malfunction. See Malfunction Recordkeeping and Reporting - Section J below.

**C) 6C Reporting timeline summary:**

1. **Initial Notification** - Initial Notifications are to be submitted within 120 calendar days after the GDF becomes subject to the standard. Notification of Compliance Status can be submitted instead if already in compliance. See Section G -Notifications and Reports.
2. **Increased throughput to 100,000 gallons or more** - existing affected sources with increased throughput to 100,000 gallons or more become subject to the vapor control requirements in this subpart because of an increase in the monthly throughput as specified in 63.11111(c) or (d), (see Appendix 3) and must comply with the standards in this subpart no later than 3 years after the throughput exceeds the 100,000 gallon threshold - see Affected Source Types (Existing) – Section D below.
3. **Notification of Compliance Status with Performance Test results** - Initial reporting is followed by every 3 year reporting requirements. Performance Test reports are due within 60 days after end of performance test or other compliance demonstration. Notification of Compliance Status Reports must include the performance test data/report. See Notifications and Reports – Section G below; and Performance Tests/Data -Section H below.
4. **Notification of Performance Test** GDFs must submit notification **60 days prior to** initiating required testing. See Performance Tests Data/Report – Section H below.
5. **Malfunction Reports** – Annually by March 15<sup>th</sup> - only if malfunction occurs.
6. **Report Retention** – reports and test results must be kept for 5 years.

**D) Affected Source Types:**

1. **Emissions sources at GDFs:** gasoline storage tanks; storage tank pressure/vacuum vents; vapor balance system.
2. **GDF affected source types:**
  - a) **New affected source** if you commenced construction **after November 9, 2006**; are an area source; and met requirements in section 63.11111 at the time operation commenced.*
  - b) **Reconstructed affected source** if you are an area source and the fixed capital cost of the new components exceeds 50% of the fixed capital that would be*

*required to construct a comparable new source and it is feasible for the reconstructed source to meet the relevant standard.*

**c) Existing affected source** if you are an area source and are not new or reconstructed (commenced construction **before November 9, 2006**).

**d) GDF's loading gasoline** into non-motor vehicle tanks.

**E) Initial Compliance Based on Affected Source Types:**

**1. For New or Re-constructed affected sources -**

**a)** Must conduct the initial compliance performance test upon installation of the complete vapor balance system.

**b)** Standards effective dates – for more detail see Section 63.11113

(1) if start-up before January 10, 2008, must comply by that date

(2) if start-up after January 10, 2008, must comply upon startup

**c) Non-motor vehicle tanks** – if start-up GDF after December 14, 2009, but before January 24, 2011, 6C compliance date was January 24, 2011.

**d) Non-motor vehicle tanks** – if start up GDF after January 24, 2011, comply with 6C standards upon start-up.

**2. For Existing affected sources –**

**a)** For vapor balance systems installed **after December 15, 2009**, you must test upon installation of the complete vapor balance system.

**b)** For vapor balance systems installed **on or before December 15, 2009**, initial testing should have taken place no later than 180 days from January 10, 2011.

**c)** Existing GDFs must comply no later than 3 years after the effective date of January 10, 2008, or by January 10, 2011.

**d)** For existing affected source **with increase in throughput** if you become subject to the control requirements in this subpart because of an increase in the monthly throughput as specified in 63.11111(c) or (d) (see Appendix 3), you must comply with the standards in this subpart no later than 3 years after the affected source becomes subject to these standards.

**e)** For existing GDFs **loading into non-motor vehicle tanks** – must comply with 6C standards by January 24, 2014.

**F) Testing and monitoring requirements:**

For GDFs with a monthly throughput of 100,000 gallons or more –

- 1. Performance testing at the time of installation of a vapor balance system** (see 63.11113(e) & 63.11118(b)(1) (see Appendix 3), **and every 3 years thereafter** must demonstrate compliance with the leak rate and cracking pressure requirements (see 1(g) of Table 1), for gasoline storage tank pressure-vacuum vent valves using test methods in 63.11120 (a)(1) (i) or (a)(1)(ii) – i.e. CARB Vapor Recovery Test Procedure TP-201.1E or alternative test method, and
- 2. Performance testing must demonstrate vapor balance system compliance with the static pressure performance requirement specified (item 1(h) of Table 1 by conducting**

a static pressure test on gasoline storage tanks – i.e. CARB TP-201.3 or alternative test method.

## G) Notifications and Reports

For GDFs with a monthly throughput of 10,000 gallons or more –

1. Must submit notification **unless you were operating in compliance with an enforceable State, local, or tribal rule or permit that requires submerged fill prior to January 10, 2008** as specified in 63.11117(b), (see Appendix 3) in which case **you are not required** to submit an Initial Notification or a Notification of Compliance Status under paragraph (a)(1) or (a)(2).
2. **Initial Notifications**
  - a) Initial Notifications are to be submitted within 120 calendar days after the GDF becomes subject to the standard.
  - b) GDFs that are required to submit an Initial Notification may use the application for approval of construction or reconstruction under 63.5(d) (see Appendix 3) if relevant, to fulfill the initial notification requirements.
  - c) If your GDF is in compliance with the requirements of the 6C subpart at the time the Initial Notification required under 63.11124 (b)(1) (see Appendix 3) is due, the Notification of Compliance Status may be submitted instead.
3. **Notification of Compliance Status – (with relevant performance test info.)**
  - a) If you are **not** operating in compliance with an enforceable State, local or tribal rule or permit in WA, OR, ID, or AK that meets the submerged fill requirements as noted in A) above, you must submit a Notification of Compliance Status to EPA Region 10 within 60 days of the applicable compliance date as specified in 63.11113 (see Appendix 3).
    - (1) if start-up was before January 10, 2008, this is the compliance date
    - (2) if start-up is after January 10, 2008, must comply upon startup
    - (3) the Notification of Compliance Status must be signed by a responsible official who must certify its accuracy and whether the GDF has complied with the requirements of Subpart 6C
    - (4) the responsible official must also indicate whether the GDF throughput is based on the volume of gasoline loaded into all storage tanks, or based on the volume of gasoline dispensed from all storage tanks
  - b) Notification of Compliance Status is due within 60 days after end of performance test or other compliance demonstration, and must include the performance test data/report.
  - c) **GDFs with a monthly throughput of 100,000 gallons or more** must submit notification of compliance status unless you operate a vapor balance system at your GDF that, prior to January 10, 2008:
    - (1) achieves emissions reduction of at least 90 percent, **OR**
    - (2) operates using management practices at least as stringent as those in subpart 6C Table 1, (See Appendix 1) **AND**
    - (3) your GDF is in compliance with an enforceable State, local, or tribal rule or permit that requires either: emissions reduction of at least 90%,

or operates using management practices at least as stringent as in subpart 6C, Table 1 (see Appendix 1)

- d) If your GDF does not meet the above emissions reduction or have management practices at least as stringent as those in subpart 6C, Table 1 and you are not operating in compliance with an enforceable State, local or tribal rule or permit in WA, OR, ID, or AK with requirements as noted directly above, **you must submit a Notification of Compliance Status** as follows:
- (1) if start-up before January 10, 2008, must have complied by that date
  - (2) if start-up after January 10, 2008, must comply upon startup
  - (3) identification of requirements being met – starting on page 2 of the Example Initial Notification/Notification of Compliance Status (see Example Form)
  - (4) signed by a responsible official certifying its accuracy and compliance with Subpart 6C requirements,
  - (5) what the throughput is based on: either the volume of gasoline **loaded into** all storage tanks, or the volume of gasoline **dispensed from** all storage tanks
  - (6) must include performance test data (data provided within 60 days after end of test) with the Notification of Compliance Status

#### H) Performance Test Data/Report

1. GDFs must submit a **Notification of Performance Test 60 days prior to** initiating required testing as described under “Testing and monitoring requirements” see Section F above.
2. Must include raw data in performance test report.
3. Must submit performance test data within 60 days after end of test and submit with the Notification of Compliance Status.
4. **Performance tests are conducted and submitted with Notification of Compliance status at the time of installation of a vapor balance system** (see 63.11113(e) & 63.11118(b)(1), - see Appendix 3 (or at start-up for a new station) **and every 3 years thereafter.**

#### I) Recordkeeping

For GDF’s with a monthly throughput of 100,000 gallons of gasoline or more: records of **all tests performed** and all reports submitted (see under Testing and Monitoring – Section F above) must be kept for 5 years and made available for review during site visit.

#### J) Malfunction Recordkeeping and Reporting

1. All GDFs must keep records of the **occurrence and duration of each malfunction** of operation (i.e. process equipment) or the air pollution control and monitoring equipment. (*Malfunction means any sudden, infrequent, and not reasonable preventable failure of air pollution control and monitoring equipment, process equipment or a process to operate in a normal or usual manner which causes or has the potential to cause the emission limitations in an applicable standard to be exceeded.*)



*Failures that are caused in part by poor maintenance or careless operation are not malfunctions.)*

2. All GDFs must keep records of **actions taken during periods of malfunction** to minimize emissions including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal manner of operation.
3. GDFs shall report **annually by March 15** the number, duration, and a brief description of **each type of malfunction** which occurred **during the previous calendar** year which caused or may have caused any applicable emission limitation to be exceeded.
4. The report must also include a **description of actions taken** by an owner operator during a malfunction to minimize emissions including actions to correct a malfunction.
5. **No report is necessary for a calendar year in which no malfunctions occurred.**

**APPENDIX 1 - TABLE 1 TO SUBPART CCCCCC OF PART 63—APPLICABILITY CRITERIA AND MANAGEMENT PRACTICES FOR GASOLINE DISPENSING FACILITIES WITH MONTHLY THROUGHPUT OF 100,000 GALLONS OF GASOLINE OR MORE<sup>1</sup>**

<sup>1</sup>The management practices in this Table are not applicable if you are complying with the requirements in §63.11118(b)(2), except that if you are complying with requirements in §63.11118(b)(2)(i)(B), you must operate using management practices at least as stringent as those listed in this Table.

<b>If you own or operate</b>	<b>Then you must</b>
1. A new, reconstructed, or existing GDF subject to §63.11118	Install and operate a vapor balance system on your gasoline storage tanks that meets the design criteria in paragraphs (a) through (h).
	(a) All vapor connections and lines on the storage tank shall be equipped with closures that seal upon disconnect.
	(b) The vapor line from the gasoline storage tank to the gasoline cargo tank shall be vapor-tight, as defined in §63.11132.
	(c) The vapor balance system shall be designed such that the pressure in the tank truck does not exceed 18 inches water pressure or 5.9 inches water vacuum during product transfer.
	(d) The vapor recovery and product adaptors, and the connection with the delivery elbow, shall be designed so as to prevent the over-tightening or loosening of fittings during normal delivery operations.
	(e) If a gauge well separate from the fill tube is used, provide with a submerged drop tube that extends the same distance from the bottom of the storage tank as specified in §63.11117(b).
	(f) Liquid fill connections shall be equipped with vapor-tight caps.
	(g) Pressure/vacuum (PV) vent valves shall be installed on the storage tank vent pipes. The pressure specifications for PV vent valves shall be: a positive pressure setting of 2.5 to 6.0 inches of water and a negative pressure setting of 6.0 to 10.0 inches of water. The total leak rate of all PV vent valves at an affected facility, including connections, shall not exceed 0.17 cubic foot per hour at a pressure of 2.0 inches of water and 0.63 cubic foot per hour at a vacuum of 4 inches of water.
	(h) The vapor balance system shall be capable of meeting the static pressure performance requirement of the equation: $P_f = 2e^{-500.887/v}$ Where: $P_f$ = Minimum allowable final pressure, inches of water. $v$ = Total ullage affected by the test, gallons. $e$ = Dimensionless constant equal to approximately 2.718. $2$ = The initial pressure, inches water
2. A new or reconstructed GDF <i>or storage tank(s) constructed after November 9, 2006, at an existing affected facility subject to §63.11118</i>	Equip your gasoline storage tanks with a dual-point vapor balance system as defined in §63.11132 and comply with This table's item 1 requirements.

## **Appendix 2 - 63.11132 What definitions apply to this subpart?**

(As used in this subpart, all terms not defined herein shall have the meaning given them in the Clean Air Act (CAA), or in subparts A and BBBBBB of this part. For purposes of this subpart, definitions in this section supersede definitions in other parts or subparts.)

**Dual-point vapor balance system** - a type of vapor balance system in which the storage tank is equipped with an entry port for a gasoline fill pipe and a separate exit port for a vapor connection.

**Gasoline** - any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals or greater, which is used as a fuel for internal combustion engines.

**Gasoline cargo tank** - a delivery tank truck or railcar which is loading or unloading gasoline, or which has loaded or unloaded gasoline on the immediately previous load.

**Gasoline dispensing facility (GDF)** - any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. These facilities include, but are not limited to, facilities that dispense gasoline into on- and off-road, street, or highway motor vehicles, lawn equipment, boats, test engines, landscaping equipment, generators, pumps, and other gasoline-fueled engines and equipment.

**Monthly throughput** - the total volume of gasoline that is loaded into, or dispensed from, all gasoline storage tanks at each GDF during a month. Monthly throughput is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days, and then dividing that sum by 12.

**Motor vehicle** - any self-propelled vehicle for transporting persons or property on a street or highway.

**Nonroad engine** - an internal combustion engine (including the fuel system) that is not used in a motor vehicle or a vehicle used solely for competition, or that is not subject to standards promulgated under section 7411 of this title or section 7521 of this title.

**Nonroad vehicle** - a vehicle that is powered by a nonroad engine, and that is not a motor vehicle or a vehicle used solely for competition.

**Submerged filling** - for the purposes of this subpart, the filling of a gasoline storage tank through a submerged fill pipe whose discharge is no more than the applicable distance specified in §63.11117(b) from the bottom of the tank. Bottom filling of gasoline storage tanks is included in this definition.

**Vapor balance system** - a combination of pipes and hoses that create a closed system between the vapor spaces of an unloading gasoline cargo tank and a receiving storage tank such that vapors displaced from the storage tank are transferred to the gasoline cargo tank being unloaded.

**Vapor-tight** - equipment that allows no loss of vapors. Compliance with vapor-tight requirements can be determined by checking to ensure that the concentration at a potential leak source is not equal to or greater than 100 percent of the Lower Explosive Limit when measured with a combustible gas detector, calibrated with propane, at a distance of 1 inch from the source.

**Vapor-tight gasoline cargo tank** - a gasoline cargo tank which has demonstrated within the 12 preceding months that it meets the annual certification test requirements in §63.11092(f) of this part.

## **Appendix 3: 6C Rule Segments Referred to in pages 3-8**

### **#1 – 6C Rule 63.11117(b): Review Info from Sections A & G above**

#### **§63.11117 Requirements for facilities with monthly throughput of 10,000 gallons of gasoline or more.**

(a) You must comply with the requirements in section §63.11116(a).

(b) Except as specified in paragraph (c) of this section, you must only load gasoline into storage tanks at your facility by utilizing submerged filling, as defined in §63.11132, and as specified in paragraphs (b)(1), (b)(2), or (b)(3) of this section. The applicable distances in paragraphs (b)(1) and (2) shall be measured from the point in the opening of the submerged fill pipe that is the greatest distance from the bottom of the storage tank.

(1) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the tank.

(2) Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the tank.

(3) Submerged fill pipes not meeting the specifications of paragraphs (b)(1) or (b)(2) of this section are allowed if the owner or operator can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by the Administrator's delegated representative during the course of a site visit.

(c) Gasoline storage tanks with a capacity of less than 250 gallons are not required to comply with the submerged fill requirements in paragraph (b) of this section, but must comply only with all of the requirements in §63.11116.

(d) You must have records available within 24 hours of a request by the Administrator to document your gasoline throughput.

(e) You must submit the applicable notifications as required under §63.11124(a).

f) You must comply with the requirements of this subpart by the applicable dates contained in §63.11113.

[73 FR 1945, Jan. 10, 2008, as amended at 73 FR 12276, Mar. 7, 2008; 76 FR 4182, Jan. 24, 2011]

### **#2 – 6C Rule 63.11113: Review Info from Sections B, E, F, G & H above**

#### **§63.11113 When do I have to comply with this subpart?**

(a) If you have a new or reconstructed affected source, you must comply with this subpart according to paragraphs (a)(1) and (2) of this section, except as specified in paragraph (d) of this section.

(1) If you start up your affected source before January 10, 2008, you must comply with the standards in this subpart no later than January 10, 2008.

(2) If you start up your affected source after January 10, 2008, you must comply with the standards in this subpart upon startup of your affected source.

(b) If you have an existing affected source, you must comply with the standards in this subpart no later than January 10, 2011.

(c) If you have an existing affected source that becomes subject to the control requirements in this subpart because of an increase in the monthly throughput, as specified in §63.11111(c) or §63.11111(d), you must comply with the standards in this subpart no later than 3 years after the affected source becomes subject to the control requirements in this subpart.

(d) If you have a new or reconstructed affected source and you are complying with Table 1 to this subpart, you must comply according to paragraphs (d)(1) and (2) of this section.

(1) If you start up your affected source from November 9, 2006 to September 23, 2008, you must comply no later than September 23, 2008.

(2) If you start up your affected source after September 23, 2008, you must comply upon startup of your affected source.

(e) The initial compliance demonstration test required under §63.11120(a)(1) and (2) must be conducted as specified in paragraphs (e)(1) and (2) of this section.

(1) If you have a new or reconstructed affected source, you must conduct the initial compliance test upon installation of the complete vapor balance system.

(2) If you have an existing affected source, you must conduct the initial compliance test as specified in paragraphs (e)(2)(i) or (e)(2)(ii) of this section.

(i) For vapor balance systems installed on or before December 15, 2009, you must test no later than 180 days after the applicable compliance date specified in paragraphs (b) or (c) of this section.

(ii) For vapor balance systems installed after December 15, 2009, you must test upon installation of the complete vapor balance system.

(f) If your GDF is subject to the control requirements in this subpart only because it loads gasoline into fuel tanks other than those in motor vehicles, as defined in §63.11132, you must comply with the standards in this subpart as specified in paragraphs (f)(1) or (f)(2) of this section.

(1) If your GDF is an existing facility, you must comply by January 24, 2014.

(2) If your GDF is a new or reconstructed facility, you must comply by the dates specified in paragraphs (f)(2)(i) and (ii) of this section.

(i) If you start up your GDF after December 15, 2009, but before January 24, 2011, you must comply no later than January 24, 2011.

(ii) If you start up your GDF after January 24, 2011, you must comply upon startup of your GDF.

[73 FR 1945, Jan. 10, 2008, as amended at 73 FR 35944, June 25, 2008; 76 FR 4181, Jan. 24, 2011]

### **#3 – 6C Rule 63.11111: Review Info Pointers from Sections C, D, & E**

#### **§63.11111 Am I subject to the requirements in this subpart?**

(a) The affected source to which this subpart applies is each GDF that is located at an area source. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and also includes each storage tank.

(b) If your GDF has a monthly throughput of less than 10,000 gallons of gasoline, you must comply with the requirements in §63.11116.

(c) If your GDF has a monthly throughput of 10,000 gallons of gasoline or more, you must comply with the requirements in §63.11117.

(d) If your GDF has a monthly throughput of 100,000 gallons of gasoline or more, you must comply with the requirements in §63.11118.

(e) An affected source shall, upon request by the Administrator, demonstrate that their monthly throughput is less than the 10,000-gallon or the 100,000-gallon threshold level, as applicable. For new or reconstructed affected sources, as specified in §63.11112(b) and (c), recordkeeping to document monthly throughput must begin upon startup of the affected source. For existing sources, as specified in §63.11112(d), recordkeeping to document monthly throughput must begin on January 10, 2008. For existing sources that are subject to this subpart only because they load gasoline into fuel tanks other than those in motor vehicles, as defined in §63.11132, recordkeeping to document monthly throughput must begin on January 24, 2011. Records required under this paragraph shall be kept for a period of 5 years.

(f) If you are an owner or operator of affected sources, as defined in paragraph (a) of this section, you are not required to obtain a permit under 40 CFR part 70 or 40 CFR part 71 as a result of being subject to this subpart. However, you must still apply for and obtain a permit under 40 CFR part 70 or 40 CFR part 71 if you meet one or more of the applicability criteria found in 40 CFR 70.3(a) and (b) or 40 CFR 71.3(a) and (b).

(g) The loading of aviation gasoline into storage tanks at airports, and the subsequent transfer of aviation gasoline within the airport, is not subject to this subpart.

(h) Monthly throughput is the total volume of gasoline loaded into, or dispensed from, all the gasoline storage tanks located at a single affected GDF. If an area source has two or more GDF at separate locations within the area source, each GDF is treated as a separate affected source.

(i) If your affected source's throughput ever exceeds an applicable throughput threshold, the affected source will remain subject to the requirements for sources above the threshold, even if the affected source throughput later falls below the applicable throughput threshold.

(j) The dispensing of gasoline from a fixed gasoline storage tank at a GDF into a portable gasoline tank for the on-site delivery and subsequent dispensing of the gasoline into the fuel tank of a motor vehicle or other gasoline-fueled engine or equipment used within the area source is only subject to §63.11116 of this subpart.

(k) For any affected source subject to the provisions of this subpart and another Federal rule, you may elect to comply only with the more stringent provisions of the applicable subparts. You must consider all provisions of the rules, including monitoring, recordkeeping, and reporting. You must identify the affected source and provisions with which you will comply in your Notification of Compliance Status required under §63.11124. You also must demonstrate in your Notification of Compliance Status that each provision with which you will comply is at least as stringent as the otherwise applicable requirements in this subpart. You are responsible for making accurate determinations concerning the more stringent provisions, and noncompliance with this rule is not excused if it is later determined that your determination was in error, and, as a result, you are violating this subpart. Compliance with this rule is your responsibility and the Notification of Compliance Status does not alter or affect that responsibility.

[73 FR 1945, Jan. 10, 2008, as amended at 76 FR 4181, Jan. 24, 2011]

#### **#4 – 6C Rule 63.11118: Review Info Sections F, G & H –**

##### **§63.11118 Requirements for facilities with monthly throughput of 100,000 gallons of gasoline or more.**

(a) You must comply with the requirements in §§63.11116(a) and 63.11117(b).

(b) Except as provided in paragraph (c) of this section, you must meet the requirements in either paragraph (b)(1) or paragraph (b)(2) of this section.

(1) Each management practice in Table 1 to this subpart that applies to your GDF.

(2) If, prior to January 10, 2008, you satisfy the requirements in both paragraphs (b)(2)(i) and (ii) of this section, you will be deemed in compliance with this subsection.

(i) You operate a vapor balance system at your GDF that meets the requirements of either paragraph (b)(2)(i)(A) or paragraph (b)(2)(i)(B) of this section.

(A) Achieves emissions reduction of at least 90 percent.

(B) Operates using management practices at least as stringent as those in Table 1 to this subpart.

(ii) Your gasoline dispensing facility is in compliance with an enforceable State, local, or tribal rule or permit that contains requirements of either paragraph (b)(2)(i)(A) or paragraph (b)(2)(i)(B) of this section.

(c) The emission sources listed in paragraphs (c)(1) through (3) of this section are not required to comply with the control requirements in paragraph (b) of this section, but must comply with the requirements in §63.11117.

(1) Gasoline storage tanks with a capacity of less than 250 gallons that are constructed after January 10, 2008.

(2) Gasoline storage tanks with a capacity of less than 2,000 gallons that were constructed before January 10, 2008.

(3) Gasoline storage tanks equipped with floating roofs, or the equivalent.

- (d) Cargo tanks unloading at GDF must comply with the management practices in Table 2 to this subpart.
- (e) You must comply with the applicable testing requirements contained in §63.11120.
- (f) You must submit the applicable notifications as required under §63.11124.
- (g) You must keep records and submit reports as specified in §§63.11125 and 63.11126.
- (h) You must comply with the requirements of this subpart by the applicable dates contained in §63.11113.

[73 FR 1945, Jan. 10, 2008, as amended at 73 FR 12276, Mar. 7, 2008]

## **# 5 – 6C Rule 63.11120: Review Info Section F**

### **§63.11120 What testing and monitoring requirements must I meet?**

(a) Each owner or operator, at the time of installation, as specified in §63.11113(e), of a vapor balance system required under §63.11118(b)(1), and every 3 years thereafter, must comply with the requirements in paragraphs (a)(1) and (2) of this section.

(1) You must demonstrate compliance with the leak rate and cracking pressure requirements, specified in item 1(g) of Table 1 to this subpart, for pressure-vacuum vent valves installed on your gasoline storage tanks using the test methods identified in paragraph (a)(1)(i) or paragraph (a)(1)(ii) of this section.

(i) California Air Resources Board Vapor Recovery Test Procedure TP-201.1E,—Leak Rate and Cracking Pressure of Pressure/Vacuum Vent Valves, adopted October 8, 2003 (incorporated by reference, see §63.14).

(ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in §63.7(f).

(2) You must demonstrate compliance with the static pressure performance requirement specified in item 1(h) of Table 1 to this subpart for your vapor balance system by conducting a static pressure test on your gasoline storage tanks using the test methods identified in paragraphs (a)(2)(i), (a)(2)(ii), or (a)(2)(iii) of this section.

(i) California Air Resources Board Vapor Recovery Test Procedure TP-201.3,—Determination of 2-Inch WC Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities, adopted April 12, 1996, and amended March 17, 1999 (incorporated by reference, see §63.14).

(ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in §63.7(f).

(iii) Bay Area Air Quality Management District Source Test Procedure ST-30—Static Pressure Integrity Test—Underground Storage Tanks, adopted November 30, 1983, and amended December 21, 1994 (incorporated by reference, see §63.14).

(b) Each owner or operator choosing, under the provisions of §63.6(g), to use a vapor balance system other than that described in Table 1 to this subpart must demonstrate to the Administrator or delegated authority under paragraph §63.11131(a) of this subpart, the equivalency of their vapor balance system to that described in Table 1 to this subpart using the procedures specified in paragraphs (b)(1) through (3) of this section.

(1) You must demonstrate initial compliance by conducting an initial performance test on the vapor balance system to demonstrate that the vapor balance system achieves 95 percent reduction using the California Air Resources Board Vapor Recovery Test Procedure TP-201.1,—Volumetric Efficiency for Phase I Vapor Recovery Systems, adopted April 12, 1996, and amended February 1, 2001, and October 8, 2003, (incorporated by reference, see §63.14).

(2) You must, during the initial performance test required under paragraph (b)(1) of this section, determine and document alternative acceptable values for the leak rate and cracking pressure requirements specified in item 1(g) of Table 1 to this subpart and for the static pressure performance requirement in item 1(h) of Table 1 to this subpart.

(3) You must comply with the testing requirements specified in paragraph (a) of this section.

(c) Conduct of performance tests. Performance tests conducted for this subpart shall be conducted under such conditions as the Administrator specifies to the owner or operator based on representative performance (*i.e.*, performance based on normal operating conditions) of the affected source. Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

(d) Owners and operators of gasoline cargo tanks subject to the provisions of Table 2 to this subpart must conduct annual certification testing according to the vapor tightness testing requirements found in §63.11092(f).

[73 FR 1945, Jan. 10, 2008, as amended at 76 FR 4182, Jan. 24, 2011]

## **#6 – 6C Rule 63.11124: Review Info Section G**

§63.11124 What notifications must I submit and when?

(a) Each owner or operator subject to the control requirements in §63.11117 must comply with paragraphs (a)(1) through (3) of this section.

(1) You must submit an Initial Notification that you are subject to this subpart by May 9, 2008, or at the time you become subject to the control requirements in §63.11117, unless you meet the requirements in paragraph (a)(3) of this section. If your affected source is subject to the control requirements in §63.11117 only because it loads gasoline into fuel tanks other than those in motor vehicles, as defined in §63.11132, you must submit the Initial Notification by May 24, 2011. The Initial Notification must contain the information specified in paragraphs (a)(1)(i) through (iii) of this section. The notification must be submitted to the applicable EPA Regional Office and delegated State authority as specified in §63.13.

(i) The name and address of the owner and the operator.

(ii) The address (*i.e.*, physical location) of the GDF.

(iii) A statement that the notification is being submitted in response to this subpart and identifying the requirements in paragraphs (a) through (c) of §63.11117 that apply to you.

(2) You must submit a Notification of Compliance Status to the applicable EPA Regional Office and the delegated State authority, as specified in §63.13, within 60 days of the applicable compliance date specified in §63.11113, unless you meet the requirements in paragraph (a)(3) of this section. The Notification of Compliance Status must be signed by a responsible official who must certify its accuracy, must indicate whether the source has complied with the requirements of this subpart, and must indicate whether the facilities' monthly throughput is calculated based on the volume of gasoline loaded into all storage tanks or on the volume of gasoline dispensed from all storage tanks. If your facility is in compliance with the requirements of this subpart at the time the Initial Notification required under paragraph (a)(1) of this section is due, the Notification of Compliance Status may be submitted in lieu of the Initial Notification provided it contains the information required under paragraph (a)(1) of this section.

(3) If, prior to January 10, 2008, you are operating in compliance with an enforceable State, local, or tribal rule or permit that requires submerged fill as specified in §63.11117(b), you are not required to submit an Initial Notification or a Notification of Compliance Status under paragraph (a)(1) or paragraph (a)(2) of this section.

(b) Each owner or operator subject to the control requirements in §63.11118 must comply with paragraphs (b)(1) through (5) of this section.

(1) You must submit an Initial Notification that you are subject to this subpart by May 9, 2008, or at the time you become subject to the control requirements in §63.11118. If your affected source is subject to the control requirements in §63.11118 only because it loads gasoline into fuel tanks other than those in motor vehicles, as defined in §63.11132, you must submit the Initial Notification by May 24, 2011. The Initial Notification must contain the information specified in paragraphs (b)(1)(i) through (iii) of this section. The notification must be submitted to the applicable EPA Regional Office and delegated State authority as specified in §63.13.

(i) The name and address of the owner and the operator.

(ii) The address (*i.e.*, physical location) of the GDF.

(iii) A statement that the notification is being submitted in response to this subpart and identifying the requirements in paragraphs (a) through (c) of §63.11118 that apply to you.



(2) You must submit a Notification of Compliance Status to the applicable EPA Regional Office and the delegated State authority, as specified in §63.13, in accordance with the schedule specified in §63.9(h). The Notification of Compliance Status must be signed by a responsible official who must certify its accuracy, must indicate whether the source has complied with the requirements of this subpart, and must indicate whether the facility's throughput is determined based on the volume of gasoline loaded into all storage tanks or on the volume of gasoline dispensed from all storage tanks. If your facility is in compliance with the requirements of this subpart at the time the Initial Notification required under paragraph (b)(1) of this section is due, the Notification of Compliance Status may be submitted in lieu of the Initial Notification provided it contains the information required under paragraph (b)(1) of this section.

(3) If, prior to January 10, 2008, you satisfy the requirements in both paragraphs (b)(3)(i) and (ii) of this section, you are not required to submit an Initial Notification or a Notification of Compliance Status under paragraph (b)(1) or paragraph (b)(2) of this subsection.

(i) You operate a vapor balance system at your gasoline dispensing facility that meets the requirements of either paragraphs (b)(3)(i)(A) or (b)(3)(i)(B) of this section.

(A) Achieves emissions reduction of at least 90 percent.

(B) Operates using management practices at least as stringent as those in Table 1 to this subpart.

(ii) Your gasoline dispensing facility is in compliance with an enforceable State, local, or tribal rule or permit that contains requirements of either paragraphs (b)(3)(i)(A) or (b)(3)(i)(B) of this section.

(4) You must submit a Notification of Performance Test, as specified in §63.9(e), prior to initiating testing required by §63.11120(a) and (b).

(5) You must submit additional notifications specified in §63.9, as applicable.

[73 FR 1945, Jan. 10, 2008, as amended at 73 FR 12276, Mar. 7, 2008; 76 FR 4182, Jan. 24, 2011]

## **# 7 – General Provisions - Preconstruction review and Notification Requirements 63.5(d): Review Info Section G**

(d) *Application for approval of construction or reconstruction.* The provisions of this paragraph implement section 112(i)(1) of the Act.

(1) *General application requirements.* (i) An owner or operator who is subject to the requirements of paragraph (b)(3) of this section must submit to the Administrator an application for approval of the construction or reconstruction. The application must be submitted as soon as practicable before actual construction or reconstruction begins. The application for approval of construction or reconstruction may be used to fulfill the initial notification requirements of §63.9(b)(5). The owner or operator may submit the application for approval well in advance of the date actual construction or reconstruction begins in order to ensure a timely review by the Administrator and that the planned date to begin will not be delayed.

(ii) A separate application shall be submitted for each construction or reconstruction. Each application for approval of construction or reconstruction shall include at a minimum:

(A) The applicant's name and address;

(B) A notification of intention to construct a new major affected source or make any physical or operational change to a major affected source that may meet or has been determined to meet the criteria for a reconstruction, as defined in §63.2 or in the relevant standard;

(C) The address (i.e., physical location) or proposed address of the source;

(D) An identification of the relevant standard that is the basis of the application;

(E) The expected date of the beginning of actual construction or reconstruction;

(F) The expected completion date of the construction or reconstruction; (G) [Reserved]

(H) The type and quantity of hazardous air pollutants emitted by the source, reported in units and averaging times and in accordance with the test methods specified in the relevant standard, or if actual emissions data are not yet available, an estimate of the type and quantity of hazardous air pollutants expected to be emitted by the source reported in units and averaging times specified in the relevant standard. The owner or operator may submit percent reduction information if a relevant standard is established in terms of percent reduction. However, operating parameters, such as flow rate, shall be included in the submission to the extent that they demonstrate performance and compliance; and (I) [Reserved]

(J) Other information as specified in paragraphs (d)(2) and (d)(3) of this section.

(iii) An owner or operator who submits estimates or preliminary information in place of the actual emissions data and analysis required in paragraphs (d)(1)(ii)(H) and (d)(2) of this section shall submit the actual, measured emissions data and other correct information as soon as available but no later than with the notification of compliance status required in §63.9(h) (see §63.9(h)(5)).

(2) *Application for approval of construction.* Each application for approval of construction must include, in addition to the information required in paragraph (d)(1)(ii) of this section, technical information describing the proposed nature, size, design, operating design capacity, and method of operation of the source, including an identification of each type of emission point for each type of hazardous air pollutant that is emitted (or could reasonably be anticipated to be emitted) and a description of the planned air pollution control system (equipment or method) for each emission point. The description of the equipment to be used for the control of emissions must include each control device for each hazardous air pollutant and the estimated control efficiency (percent) for each control device. The description of the method to be used for the control of emissions must include an estimated control efficiency (percent) for that method. Such technical information must include calculations of emission estimates in sufficient detail to permit assessment of the validity of the calculations.

(3) *Application for approval of reconstruction.* Each application for approval of reconstruction shall include, in addition to the information required in paragraph (d)(1)(ii) of this section—

(i) A brief description of the affected source and the components that are to be replaced;

(ii) A description of present and proposed emission control systems (i.e., equipment or methods). The description of the equipment to be used for the control of emissions shall include each control device for each hazardous air pollutant and the estimated control efficiency (percent) for each control device. The description of the method to be used for the control of emissions shall include an estimated control efficiency (percent) for that method. Such technical information shall include calculations of emission estimates in sufficient detail to permit assessment of the validity of the calculations;

(iii) An estimate of the fixed capital cost of the replacements and of constructing a comparable entirely new source;

(iv) The estimated life of the affected source after the replacements; and

(v) A discussion of any economic or technical limitations the source may have in complying with relevant standards or other requirements after the proposed replacements. The discussion shall be sufficiently detailed to demonstrate to the Administrator's satisfaction that the technical or economic limitations affect the source's ability to comply with the relevant standard and how.

(vi) If in the application for approval of reconstruction the owner or operator designates the affected source as a reconstructed source and declares that there are no economic or technical limitations to prevent the source from complying with all relevant standards or other requirements, the owner or operator need not submit the information required in paragraphs (d)(3)(iii) through (d)(3)(v) of this section.

(4) *Additional information.* The Administrator may request additional relevant information after the submittal of an application for approval of construction or reconstruction.

**Part 3 - Form EXAMPLE Initial Notification/Notification of Compliance Status for Gasoline Dispensing Facilities (GDF)<sup>1</sup> – EPA Region 10**

This Notification is to meet the requirements of Section 63.11124(a) or (b), **40 CFR Part 63, Subpart CCCCCC — National Emission Standards for Hazardous Air Pollutants for Area Source Category: Gasoline Dispensing Facilities.** Use this form for both Initial Notification and Notification of Compliance Status. For **Initial Notification** complete pages 1-3. For **Notification of Compliance Status** complete pages 1-4. Both sign the certification on page 4.

**Due Dates:**

1. The Initial Notification report for existing sources is due within 120 calendar days after the source becomes subject to the relevant standard.
2. If your GDF is in compliance with the CCCCCC subpart requirements at the time that the Initial Notification is due, the Notification of Compliance Status may be submitted instead.
3. Notification of Compliance Status with Performance Test results is due within 60 days after end of performance test or other compliance demonstration.
4. Notification of Compliance Status with Performance Test results is required with initial compliance and every three years thereafter.

Sources may also use the application for approval of construction or reconstruction under section 63.5(d) to fulfill the initial notification requirement.

If you are a new or reconstructed GDF on or after November 9, 2006, you must also include information required under 63.5(d) and 63.9(b)(5)— the Application for Approval of Construction or Reconstruction. You may use the Application for Approval of Construction and Reconstruction as your initial notification. (Section 63.5(d)(1)(ii)).

**Name and address (i.e., physical location) of GDF:**

Print or type the following information for each facility for which you are making notification:		
Facility Name		
Facility Street Address		
City	State	ZIP Code
Facility Local Contact Name	Title	Phone (OPTIONAL)

<sup>1</sup> *Gasoline dispensing facility (GDF)* means any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. These facilities include, but are not limited to, facilities that dispense gasoline into on- and off-road, street, or highway motor vehicles, lawn equipment, boats, test engines, landscaping equipment, generators, pumps, and other gasoline-fueled engines and equipment.

*Gasoline* means any petroleum distillate or petroleum distillate/alcohol blend having a Reid vapor pressure of 27.6 kilopascals or greater used as a fuel for internal combustion engines.

**Briefly describe your GDF:**

Provide (at least the following is required) a brief description of the nature, size, design, and method of operation of the GDF and an identification of the types gasoline storage tanks and vent pipes. *[Example: This facility is a 24-hour convenience store with about 120,000 gallons per month in sales of gasoline. We have four dispenser islands and three 15,000-gallon capacity underground storage tanks with pressure vacuum valves on each storage tank vent]*

---

---

---

---

---

**Name and address of the owner and the operator:**

Print or type the following information for each facility for which you are making initial notification:

Owner Name:

Street Address

City

State

ZIP Code

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

Operator Name (if different from Owner)

Operator Address (If different than Owner)

City

State

ZIP Code

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

**Identification of requirements: (initial in box beside answer that you can support and demonstrate)**

Questions		
Yes	<input type="checkbox"/>	1. Does your GDF have a <i>monthly throughput</i> <sup>2</sup> of less than 10,000 gallons per month?
No	<input type="checkbox"/>	

<sup>2</sup> *Monthly throughput* means the total volume of gasoline that is loaded into, or dispensed from, all gasoline storage tanks at each GDF during a month. Monthly throughput is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days, and then dividing that sum by 12.

Note: You are not required to submit this Notification if you answer #1 “Yes”, as long as the monthly throughput at your GDF remains below 10,000 gallons. You must have records available within 24 hours of a request to document your gasoline throughput. You are still subject to this rule, and if your existing source is subject to this subpart only because it loads gasoline into fuel tanks other than those in motor vehicles, as defined in section 63.11132, you were required to comply and submit Notification by January 24, 2014. If your storage tank has a capacity of less than 250 gallons, you are not required to submit notification but must follow the practice requirements (see below).

Yes		2. Do you not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time? Measures to be taken include, but are not limited to, the following: (a) Minimize gasoline spills; (b) Clean up spills as expeditiously as practicable;
No		(c) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; (d) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, i.e. oil/water separators.

Yes		3. Does your GDF have a <i>monthly throughput</i> of 10,000 gallons/ month or more?
No		
Yes		4. Do you fill all gasoline storage tanks greater than or equal to 250 gallons, through a <i>submerged fill</i> <sup>3</sup> pipe whose discharge in the bottom of the tank is no more than the following? (a) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the storage tank. (b) Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the storage tank.
No		<b>Note:</b> Submerged fill pipes not meeting the specifications in (a) or (b) above are allowed if the owner or operator can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. Documentation providing such demonstration must be made available for inspection by the Administrator’s delegated representative during the course of a site visit.
<b>Note:</b> You are not required to submit Notification if you answered “yes” to question #4 and “no” to question #5 (below), <u>and</u> you can demonstrate at any time to the EPA Administrator or its delegated authority that prior to January 10, 2008, you were and continue to be operating in compliance with an enforceable State, local, or tribal rule or permit that requires at least: (a) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the storage tank. (b) Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the storage tank. (see Note under question 4)		

<sup>3</sup> *Submerged filling* means, for the purposes of this subpart, the filling of a gasoline storage tank through a submerged fill pipe whose discharge is no more than the applicable distances specified in section 63.11117(b) (and listed in question 4) from the bottom of the tank. Bottom filling of gasoline storage tanks is included in this definition.

Yes		5. Does your GDF have a <i>monthly throughput</i> of 100,000 gallons/ month or more?
No		
Yes		6. Do you have a <i>vapor balance system</i> <sup>4</sup> on all gasoline storage tanks, except for the following gasoline storage tanks? (a) Tanks constructed on or before January 10, 2008, with a capacity of less than 2,000 gallons (b) Tanks constructed after January 10, 2008, with a capacity of less than 250 gallons (c) Tanks equipped with floating roofs, or the equivalent.
No		

**Note:** You are not required to submit this Notification if you answered “yes” to questions #4, #5, and #6; and if you can demonstrate that prior to January 10, 2008, you were and continue to operate in compliance with an enforceable State, local, or tribal rule or permit that requires both:  
 (a) *Submerged fill* pipe whose discharge in the bottom of the tank is no more than:  
 (a) Submerged fill pipes installed on or before November 9, 2006, must be no more than 12 inches from the bottom of the storage tank, and (b) Submerged fill pipes installed after November 9, 2006, must be no more than 6 inches from the bottom of the storage tank.  
 (see Note under question 4.)  
 (b) *Vapor balance system* in compliance before January 10, 2008 with either: (a) Achieves emissions reduction of at least 90 percent, or (b) Operates using management practices at least as stringent as those listed in Table 1 to 40 CFR Part 63, Subpart CCCCCC.

### **Throughput Determination**

**This facility’s monthly throughput is determined based on which of the following?**

- 1) The volume of gasoline loaded into all storage tanks \_\_\_\_\_, or
- 2) The volume of gasoline dispensed from all storage tanks \_\_\_\_\_.

### **Certification**

This Notification must be signed by a responsible official including the owner or operator, who in signing is certifying that this GDF is in compliance with Subpart CCCCCC, and that the information provided is accurate.

Name of Responsible Official (print or type)	Title	Date (mm/dd/yy)

Signature

--

<sup>4</sup> *Vapor balance system* means a combination of pipes and hoses that create a closed system between the vapor spaces of an unloading gasoline cargo tank and a receiving storage tank such that vapors displaced from the storage tank are transferred to the gasoline cargo tank being unloaded.

**For Region 10 GDFs only - Submit Initial Notifications or Notification of Compliance Status with test results as follows: (keep a copy for your records)**

Submit notifications to the Region 10 EPA Regional Office if your GDF is within Washington, Oregon, Idaho or Alaska **and is not** under the jurisdiction of the Northwest Clean Air Agency - NWCAA (Whatcom, Island and Skagit Counties) or the Southwest Clean Air Agency -SWCAA (Lewis, Skamania, Clark, Cowlitz and Wahkiakum Counties) in Washington State. Because these 2 agencies have taken delegation of the rule, GDFs within their jurisdiction are not required to submit notifications to EPA Region 10.

Completed Notifications can be saved or scanned and sent by e-mail to Brook Madrone at: [Madrone.Brook@epa.gov](mailto:Madrone.Brook@epa.gov). Please direct questions to Brook Madrone at (206) 553-0244 or by e-mail. If forms are sent by e-mail, sending a paper copy is not necessary. If you prefer sending a paper copy rather than by e-mail, mail them to the Air Program Director at the following mailing address:

Program Director  
EPA Region 10  
Office of Air, Waste and Toxics  
Air Toxics Program – AWT 107  
1200 6<sup>th</sup> Ave, Suite 900  
Seattle, Washington 98101

**Link for U.S. Clean Air Agencies:**

<http://www.4cleanair.org/contactUsaLevel.asp>.

**Part 4 - Summary of Regulations Controlling Emissions from Gasoline Dispensing Facilities (GDF)**  
**Brochure – see pages 23 & 24 below**

### What is The Compliance Date?

- New Sources (affected sources constructed since November 9, 2006): January 10, 2008 or upon startup if startup occurs after January 10, 2008.
- Existing Sources: January 10, 2011, except that GDF subject to this subpart only because they load gasoline into fuel tanks other than those in motor vehicles, as defined in 63.11132, must comply by January 24, 2014.

### What Are The Permitting Requirements?

Owners and operators of GDF are not required to obtain title V permits because of being subject to this rule; however, if a source is otherwise required to obtain a title V permit (applicability criteria found in 40 CFR 70.3(a) and (b) or 40 CFR 71.3(a) and (b)), the source must apply for and obtain a title V permit.

### What Recordkeeping and Reporting is Required?

#### Recordkeeping:

- Keep records of initial and every three year pressure test for certain vapor balancing systems.
- Records must be kept for a period of 5 years.

#### Reporting:

- Reporting requirements for owners and operators of GDF are limited in most cases to the Initial Notification and Notification of Compliance Status. As shown in Table 1 and footnote 3, those GDF currently operating submerged fill or submerged fill plus vapor balancing equipment that comply with an enforceable State, local, or tribal rule and which include the specified requirements, are not required to submit these notifications. See Table 1 for reporting requirements based on the GDF's monthly gasoline throughput.

### What are the Impacts?

- National emissions reductions and costs for vapor balancing are about 50,000 tons of volatile organic compounds (VOC) (including 2,300 tons of HAP) reduced, at a capital cost of \$4.4 million and an annualized cost of \$9.3 million per year.

You can also contact your Regional EPA air toxics office at the following numbers:

Address	States	Website/ Phone Number
Region 1 5 Post Office Square, Suite 100 Mailcode: OE304-2 Boston MA 02108-3912	CT, MA, ME, NH, RI, VT	<a href="http://www.epa.gov/region1">www.epa.gov/region1</a> (888) 372-7341 (617) 916-1600
Region 2 220 Broadway New York, NY 10007-8696	NY, NY, PR, VI	<a href="http://www.epa.gov/region2">www.epa.gov/region2</a> (212) 637-4023
Region 3 1650 Arch Street Philadelphia, PA 19103-2029	DE, MD, PA, VA, WV, DC	<a href="http://www.epa.gov/region3">www.epa.gov/region3</a> (215) 814-2061 (800) 241-1754
Region 4 Atlanta Federal Center 611 Oregon Street SW Atlanta, GA 30303-8960	FL, NC, SC, KY, TN, GA, AL, MS	<a href="http://www.epa.gov/region4">www.epa.gov/region4</a> (404) 562-9131 (800) 241-1754
Region 5 77 West Jackson Blvd Chicago, IL 60604-3507	IL, IN, MI, WI, MN, OH	<a href="http://www.epa.gov/region5">www.epa.gov/region5</a> (312) 886-6812 (312) 353-6196 (312) 886-6796
Region 6 1445 Ross Avenue Suite 1200 Dallas, TX 75202-2733	AR, LA, NM, OK, TX	<a href="http://www.epa.gov/region6">www.epa.gov/region6</a> (800) 861-6063 (214) 665-7250 (214) 665-7224
Region 7 901 North Fifth Street Kansas City, KS 66101	IA, KS, MO, NE	<a href="http://www.epa.gov/region7">www.epa.gov/region7</a> (800) 223-0425 (913) 551-7703
Region 8 1365 Wykecog St. Denver, CO 80202-1129	CO, MT, ND, SD, UT, WY	<a href="http://www.epa.gov/region8">www.epa.gov/region8</a> (800) 221-8917 (303) 312-6460
Region 9 75 Hawthorne Street San Francisco, CA 94105	CA, AZ, HI, NV, GU, AS, MP	<a href="http://www.epa.gov/region9">www.epa.gov/region9</a> (415) 947-8715
Region 10 1200 P St. Ave. Suite 900, AWT-407 Seattle, WA 98101	AK, ID, WA, OR	<a href="http://www.epa.gov/region10">www.epa.gov/region10</a> (800) 424-6372 (206) 553-0244

\* For sources within the region only.

### For More Information

Copies of the rule and other materials are located at your state representatives at:  
[http://www.epa.gov/ttn/atw/area/state\\_contacts.html](http://www.epa.gov/ttn/atw/area/state_contacts.html)  
[http://www.epa.gov/ttn/atw/area/state\\_contacts.doc](http://www.epa.gov/ttn/atw/area/state_contacts.doc)  
<http://www4cleanair.org/contact/salevel.asp>

Office of Air Quality Planning & Standards (EPA-43-Q2)



## Summary of Regulations Controlling Air Emissions from GASOLINE DISPENSING FACILITIES (GDF)



## NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS NESHAP (SUBPART CCCCCC) FINAL RULE





**GASOLINE DISPENSING  
FACILITIES (GDF)  
(SUBPART CCCCCC)**

**What is a GDF?**

- Any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. These facilities include, but are not limited to, facilities that dispense gasoline into on- and off-road, street, or highway motor vehicles, lawn equipment, boats, test engines, landscaping equipment, generators, pumps, and other gasoline-fueled engines and equipment.

**What is an Area Source?**

- Any source that is not a major source. (A major source is a facility that emits, or has the potential to emit in the absence of controls, at least 10 tons per year (TPY) of individual hazardous air pollutants (HAP) or 25 TPY of combined HAP.)

**Who Does This Rule Apply To?**

- This rule applies to existing or new gasoline dispensing facilities (GDF) that are area sources. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and also includes each storage tank. The equipment used for refueling of motor vehicles is not covered by this rule.

**What Am I Required To Do?**

- Meet requirements in subpart CCCCCC depending on the GDF's monthly gasoline throughput. (See Table 1.)

**Compliance Demonstration**

- Some owners or operators, depending on what vapor balance option is met, must determine, at the time of installation and every 3 years thereafter, the leak rate and cracking pressure of pressure-vacuum vent valves installed on gasoline storage tanks. Some owners or operators, depending on what vapor balance option is met, must also conduct a static pressure test on gasoline storage tanks.
- Owners or operators of GDF using the vapor balance option (number 8 in the enclosed Table 1) must demonstrate initial compliance by conducting an initial performance test to demonstrate that the vapor balance system achieves 95 percent reduction.

**Table 1. National Air Toxic Standards for Gasoline Dispensing Facilities  
(GDF) (40 CFR 63, Subpart CCCCCC)**

Monthly Throughput <sup>2</sup>	Requirements:	Reporting
< 10,000 gallons	<ol style="list-style-type: none"> <li>Minimize spills.</li> <li>Clean up spills expeditiously.</li> <li>Cover gasoline containers &amp; storage tank fill pipes with gasketed seal.</li> <li>Minimize gasoline sent to open collection systems.</li> </ol>	None, however must be able to demonstrate, within 24 hours of request, throughput is below 10,000 gallons per month.
≥ 10,000 gallons	<p><b>All of the above, plus:</b></p> <ol style="list-style-type: none"> <li>For storage tanks ≥ 250 gallons capacity, load storage tank using submerged fill with discharge that is no more than the following from the bottom of tank:               <ol style="list-style-type: none"> <li>12 inches for pipes installed on or before 11/9/2006.</li> <li>6 inches for pipes installed after 11/9/2006.</li> </ol> </li> <li>OR, maintain the gasoline level to never fall below the pipe discharge and demonstrate by documentation.</li> </ol> <p><b>All of the above, plus one of the below:</b></p> <ol style="list-style-type: none"> <li>Operate a vapor balance system installed prior to 1/10/08, that meets an enforceable State, local, or tribal rule or permit that requires, either               <ol style="list-style-type: none"> <li>Achieves an emission reduction of at least 90%, or</li> <li>Operates meeting the management practices specified below (4F).</li> </ol> </li> <li>Operate vapor balance system during storage tank loadings using the following management practices:               <ol style="list-style-type: none"> <li>Equip connections &amp; lines with seal closures</li> <li>Vapor tight line from storage tank to cargo tank</li> <li>Cargo Tank pressure remains below specified settings</li> <li>Designed to prevent over tight/close fittings</li> <li>Gauge well provided with submerged drop tube extending specified distance (see item 5) from tank bottom</li> <li>Use vapor tight caps for liquid fill connections</li> <li>Install pressure/vacuum vent valves on tank vent pipes at specified setting, and test initially and every 3 years</li> <li>Vapor balance system must meet static pressure test initially and every 3 years</li> <li>Dust-pot (no coales) vapor balance systems for new GDF or tanks, and reconstructed GDF.</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>Initial Notification by 5/9/08<sup>3</sup> for existing GDF, and within 15 days for new or reconstructed GDF<sup>4</sup></li> <li>Compliance status by 1/10/11<sup>5</sup>.</li> </ol> <p>Same as 1 &amp; 2 above, plus:</p> <ol style="list-style-type: none"> <li>Keep records, report, and test as specified in enforceable conditions.</li> </ol>
≥ 100,000 gallons	<ol style="list-style-type: none"> <li>Operate vapor balance system during storage tank loadings using the following management practices:               <ol style="list-style-type: none"> <li>Equip connections &amp; lines with seal closures</li> <li>Vapor tight line from storage tank to cargo tank</li> <li>Cargo Tank pressure remains below specified settings</li> <li>Designed to prevent over tight/close fittings</li> <li>Gauge well provided with submerged drop tube extending specified distance (see item 5) from tank bottom</li> <li>Use vapor tight caps for liquid fill connections</li> <li>Install pressure/vacuum vent valves on tank vent pipes at specified setting, and test initially and every 3 years</li> <li>Vapor balance system must meet static pressure test initially and every 3 years</li> <li>Dust-pot (no coales) vapor balance systems for new GDF or tanks, and reconstructed GDF.</li> </ol> </li> <li>Vapor balance system demonstrated to achieve a reduction of 95% or better.</li> </ol>	<p>For requirements 7 &amp; 8, same as 1 &amp; 2 above, plus:</p> <ol style="list-style-type: none"> <li>Keep record of initial and every three year pressure tests.</li> <li>Test notification 60 days before test and test results 180 days after testing.</li> </ol>

- This is a summary table; compliance will only be determined by compliance with actual rule text in 40 CFR 63, subpart CCCCCC.
- Monthly throughput means the total volume of gasoline that is loaded into, or dispensed from, all gasoline storage tanks at each GDF during a month. It is calculated by summing the volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the current day, plus the total volume of gasoline loaded into, or dispensed from, all gasoline storage tanks at each GDF during the previous 364 days, and then dividing that sum by 12.
- For GDF subject to this subpart only because they load gasoline into fuel tanks other than those in motor vehicles, as defined in 63.11132, Initial Notification is due by 5/24/11 and Notification of Compliance Status is due by 1/24/14.
- In some cases, Initial Notification and Notification of Compliance Status are not required if submerged fill and/or vapor balance system was installed prior to 1/10/08 and meets certain prior enforceable conditions (see 63.1124(a)(3) and (b)(3)).