

Brief Summary
New EPA Regulations for Gasoline Dispensing Facilities
July 2008
40 CFR Part 63 Subpart CCCCC

EPA has new requirements to reduce air pollution from gasoline dispensing facilities (GDF) (examples of GDF: service stations, convenience stores, car rental agencies, motor pools, etc).¹ The gasoline vapor from these places contains hazardous air pollutants (HAP) which pose a health risk when inhaled. By installing the required controls in this rule, the amount of HAP released to the atmosphere are reduced by about 5 million pounds of HAP.

Three levels of control are required for some owner or operators of these facilities.

- All owners or operators will be required to minimize evaporation by improved work practices.
- Additionally, larger facilities will install equipment to reduce the amount of vapors generated (called submerged fill pipes, or drop tubes).
- The largest facilities are also required to capture and send vapors back into the delivery tank truck (called vapor balancing controls or Stage 1 vapor recovery), so that the vapors can be disposed of properly.

This rule applies to existing or new GDF. The affected source includes each gasoline cargo tank during the delivery of product to a GDF and also includes each storage tank. Additionally, depending on where the GDF is located, there may be state or local rules already in place requiring these controls. The equipment used for refueling of motor vehicles is not covered by this rule, but are controlled by other regulations set in the 1990's.

This is a short list of things a GDF must do to meet the new rule requirements. EPA has structured three categories of facilities (small, medium and large) based on the actual monthly throughput of gasoline on a 30-day rolling average. This means that you must combine all gasoline throughput for the facility over a 30 day period. If you have three tanks of gasoline (NL, Super NL and Premium NL), you must combine all of them to determine what category you fall in. For more details and assistance, please talk to the Iowa DNR Air Quality Bureau or EPA regional office contact.²

Equipment Requirements (vary by size)

1. Facilities with a monthly flow of *under* 10,000 gallons must:
 - Minimize spills, and if there is a spill, clean it up as quickly as possible.
 - Cover gasoline containers & storage tank riser pipes (i.e. probe cap) with gasketed seal.
 - Minimize gasoline sent to open collection systems.
2. Facilities with a monthly flow *at or above* 10,000 gallons must meet all of the requirements in #1 and also:
 - Load all storage tanks at or above 250 gallons capacity using submerged fill (drop tubes).
3. Facilities with a monthly flow *at or above* 100,000 gallons must meet all of the requirements in #1, #2 and also:
 - Operate vapor balance (or stage 1 vapor recovery) system during storage tank loadings, test the system periodically to make sure it works correctly, and includes specific equipment and work practices, or meets 95% control. **Please note:** coaxial vapor recovery systems will only be allowed as a retrofit to tanks installed prior to 11/9/06.

All existing facilities (installed prior to 11/9/06) must be in compliance with the appropriate category by **January 10, 2011**. All tanks installed after 11/9/06 **must be compliant upon start-up**.

For more details and assistance on these DNR requirements, contact Christine Paulson (515-242-5154).

¹ Preamble and rule text can be found at <http://www.epa.gov/ttn/atw/area/fr10ja08.pdf> and <http://www.epa.gov/ttn/atw/area/fr07mr08.pdf>

² Rule summary and contact information can be found at <http://www.epa.gov/ttn/atw/area/gdfb.pdf>

NESHAP Notification for Gasoline Dispensing Facilities (GDF)

I. GENERAL INFORMATION

Operating Permit Number (if applicable)		Facility Registration Number (example: 198601234)	
Facility Name			
Facility Street Address			
Facility Contact Name		Title	Phone
City	State	ZIP Code	

II. APPLICABILITY AND COMPLIANCE STATUS

Check the category this facility falls under and answer all applicable yes/no questions. The facility's estimated monthly throughput for all gasoline is:

1. **Less than 10,000 gallons**
 Tank top access vapor tight (i.e. tank probe cap, riser pipe)? Yes No

2. **Between 10,000 and 100,000 gallons**
 Tank top access vapor tight (i.e. tank probe cap, riser pipe)? Yes No
 Are drop tubes installed in all gasoline tanks? Yes No

3. **100,000 gallons or more** Note: category requires completion of
 Tank top access vapor tight (i.e. tank probe cap, riser pipe)? Yes No
 Has vapor recovery system been installed? Yes No
 Is it dual point or single point? Single Dual
 When was it installed?
 Has vapor recovery system been tested? Yes No
 When was it tested?
 Are the results passing? Yes No
 *Please include a copy of the test results
 Have appropriate notification forms been submitted to EPA/DNR? Yes No
 Does DNR 148 form reflect vapor recovery installation/changes? Yes No
 *Please include updated DNR 148 form indicating changes to the UST systems.

III. SIGNATURE

Name of Responsible Official (Print)	Title	Date (mm/dd/yy)
Signature of Responsible Official		

IMPORTANT NOTE: Completion of this form does not preclude the signee's responsibility to submit the applicable EPA/DNR form relating to NESHAP Gasoline Dispensing Facility requirements. This notification form can be obtained at http://www.epa.gov/ttn/atw/area/gasdist_example.doc.

*Please return this completed form, plus all applicable installation and testing documents to:
 PMMIC/R&A, 2894 – 106th Street, PO Box 7628, Urbandale, Iowa 50323 or Fax: 515/334-3013*