A decorative graphic consisting of a thin gold circle on the left and a horizontal bar with a gold-to-white gradient on the right. The text is centered within the bar. A large black left bracket and a gold right bracket are positioned around the text.

Summary of MACT/GACT for
Gasoline Dispensing Facilities
June 25, 2008

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Compliance/Enforcement
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What is a MACT/GACT?

- As required by the Clean Air Act, the EPA develops standards for controlling air toxics emissions from sources in particular industry groups, also called “source categories.”
 - **Maximum Achievable Control Technology (MACT) standards** are the standards set for larger (major) sources, and are based on the emissions levels of the better-controlled and lower-emitting facilities in an industry.
 - **Generally Available Control Technology (GACT) standards** are the standards set for many smaller (area) sources.

What is 40 CFR 63 Subpart CCCCCC?

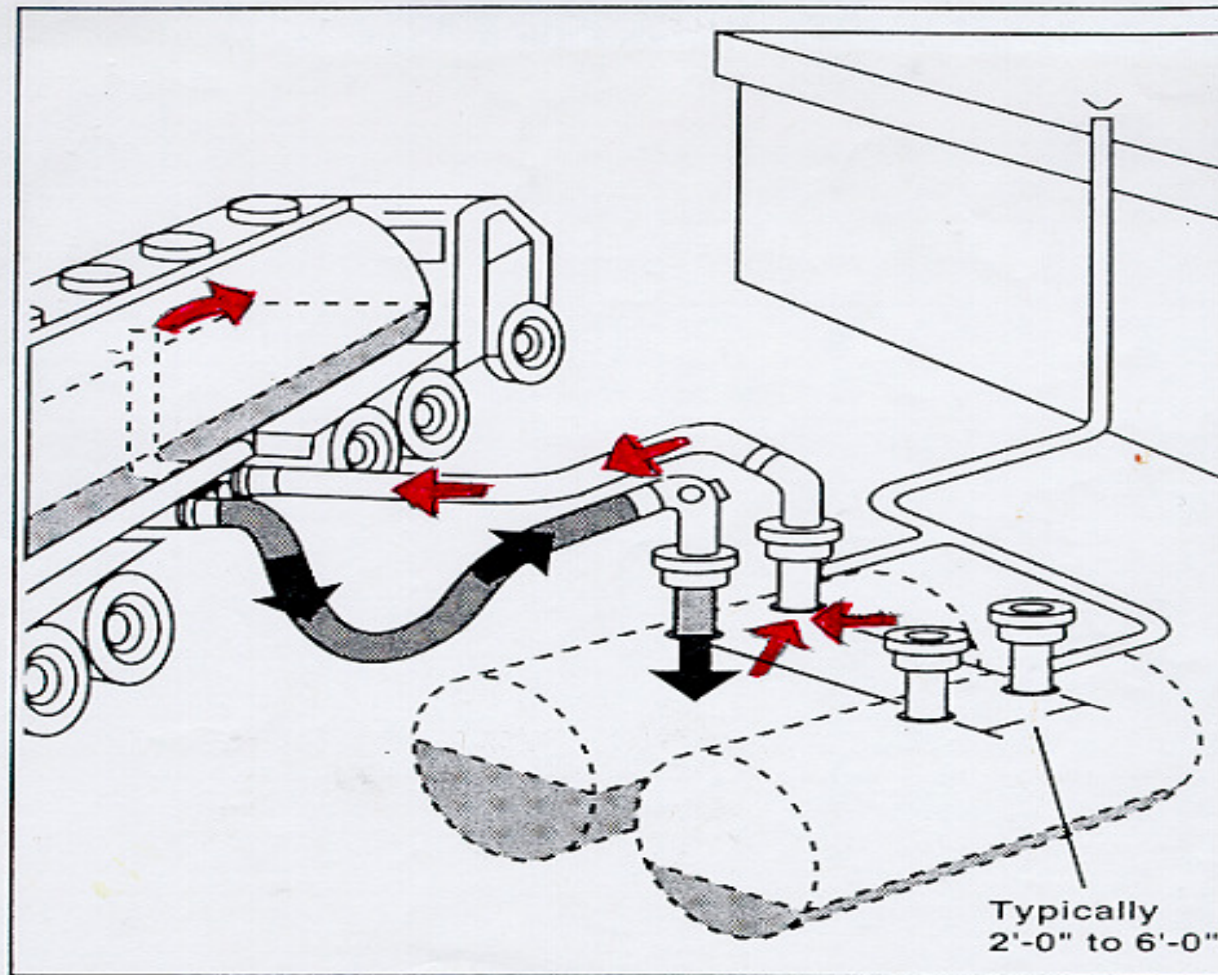
- 40 CFR 63 Subpart CCCCCC is a new GACT standard that affects retail and private gasoline dispensing facilities (GDFs) nationwide.
- If your facility is not already affected by another federal rule, specifically 40 CFR 63 Subpart R, you are potentially affected by one of two new rules affecting gasoline distribution or gasoline dispensing facilities.
 - 40 CFR 63 Subpart BBBBBB affects gasoline distribution bulk terminals, bulk plants and pipelines.
 - 40 CFR 63 Subpart CCCCCC affects GDFs.

What are the requirements of Subpart CCCCCC?

- The final rules require the following for GDFs nationwide:
 - At all facilities, checking for leaks and using good housekeeping procedures to prevent evaporation of gasoline, and
 - At facilities with monthly gasoline throughputs of 10,000 gallons or more, submerged fill pipes when loading storage tanks, and
 - At facilities with monthly gasoline throughputs of 100,000 gallons or more, vapor balancing between the storage tank and the tank truck.

What is stage I vapor balancing?

- Stage I vapor recovery is the capture and control of gasoline vapors that would normally be released into the atmosphere during the storage of gasoline or during the loading or unloading of a gasoline delivery vessel into a storage tank, usually at a GDF.



Two-Point Stage I System

The MOPETP approved Two Point Stage I System showing underground manifolding. The black arrows indicate the product, gasoline liquid; the red arrows indicate the vapors returning to the delivery vessel. This is a mass balance system, powered only by gravity and displacement energies. The chevron above the vent stack indicates the utilization of a pressure/vacuum valve with a 3" w.c. pressure and a 8" w.c. vacuum set points.

What does this mean for GDF's in Missouri?

- AT PRESENT MISSOURI DNR IS STILL IN THE INFORMATION GATHERING STAGES!
 - The APCP is the most concerned with initial notifications and notifications of compliance at this time
 - After we have received most of these and are better able to assess the number of facilities affected, the Air Program will determine the best approach for regulation.
 - **Significant compliance dates**
 - **Initial Notification** submittal to the Environmental Protection Agency (EPA) and Missouri by May 9, 2008.
 - **New Sources:** January 10, 2008 or upon startup
 - **Existing Sources:** January 10, 2011

What does YOUR GDF need to submit?

- GDFs with monthly throughput of 10,000 to 99,000 per month:
 - Kansas City or St. Louis non-attainment/maintenance areas- GDF's do not need to submit *Initial Notification* or *Notification of Compliance*.
 - Any other part of the State
 - If the GDF already has compliant drop tubes submit a *Notification of Compliance*,
 - If the GDF does not have compliant drop tubes submit an *Initial Notification*

What does YOUR GDF need to submit?

- GDF's with monthly throughput of 100,000 gallons or over:
 - St. Louis non-attainment area: do not need to submit *Initial Notification* or *Notification of Compliance*.
 - Any other part of the state: need to determine compliance status and send either *Initial Notification* or *Notification of Compliance*.
 - This INCLUDES the Kansas City maintenance area

Where can you find more information?

- EPA has updated the brochures and added initial notification/notification of compliance forms
 - <http://www.epa.gov/ttn/atw/area/gdfb.pdf>
 - http://www.epa.gov/ttn/atw/area/gasdist_example.doc
 - http://www.epa.gov/ttn/atw/area/gdf_example.doc
 - http://www.epa.gov/ttn/atw/area/gasbulk_example.doc
 - <http://www.epa.gov/ttn/atw/area/bulkgasb.pdf>
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