

## **PMMIC Compliance Inspection and New DNR NESHAP Rule**

### **By Brian Pottebaum, Loss Control Inspector Supervisor, PMMIC**

PMMIC has recently started conducting the second round of UST compliance inspections at all PMMIC insured facilities. Part of the inspection process this year will include collecting data for the Iowa DNR as it relates to national emission standards for hazardous air pollutants (NESHAP) for facilities in the gasoline distribution (i.e. Stage I vapor recovery) area source category.

#### **Who does this rule apply to?**

This rule applies to ALL existing and new gasoline dispensing facilities, and is being enforced by the Iowa DNR Air Quality Bureau. *Gasoline Dispensing Facility (GDF)* is defined as any stationary facility that dispenses gasoline into the fuel tank of a motor vehicle, or more specifically a self-propelled vehicle designed for transporting persons or property on a street or highway. PMMIC has been advised that at this time this rule does not apply to tanks or facilities that do not meet the definition, i.e. non-gasoline tanks, marine facilities, airport facilities, etc.

The United States Environmental Protection Agency (EPA) has structured three categories of facilities (small, medium and large) based on the actual monthly throughput of gasoline on a rolling 30-day average. In the absence of a formal process to calculate monthly throughput, the DNR has suggested that you refer to the definition of monthly throughput in 40 CFR Part 63 Subpart CCCCCC. *Monthly throughput* is the total volume of gasoline that is loaded into all gasoline storage tanks during a month, as calculated on a rolling 30-day average. However, this 30-day period is not based on a calendar cycle; rather it is figured on 30 consecutive days at any time during the course of a year. In other words, you pick a 30-day block of time and calculate the throughput. You must use the highest calculated throughput to determine the facility category. Also note that if you have three tanks of gasoline (NL, Super NL and Premium NL), you must combine ALL of them to determine the facility throughput.

- **“Small”** facility has less than 10,000 gallons of gasoline throughput on a 30-day rolling average over a year span. This category is only required to conduct good management practices (i.e. minimize and clean up spills expeditiously, use properly sealed fill pipe caps, and minimize gasoline sent to open collection systems).
- **“Medium”** facility has between 10,000 and 100,000 gallons of gasoline throughput on a 30-day rolling average over a year span. This category is required to conduct all good management practices as well as use submerged fill (i.e. drop tubes) for all tanks 250 gallons and larger. The drop tube must extend to within 12” of the bottom in tanks installed before 11/9/06 and within 6” of the bottom in tanks installed after 11/9/06.
- **“Large”** facility has 100,000 gallons or more of gasoline throughput on a 30-day rolling average over a year span. This category is required to comply with all good management practices, submerged fills, and stage I vapor recovery. They are required to capture and send vapors back into the delivery tank truck (called vapor balancing controls), so that the vapors are not released to the environment.

**When must you be in compliance?**

All existing facilities (installed prior to 11/9/06) and new tanks installed at existing facilities must be in compliance with the appropriate category by **January 11, 2011**. All tanks installed at new facilities (after 11/9/06) **must be compliant upon start-up**. Any variances or extensions to these requirements must be granted by the Iowa DNR. For more details and assistance on these DNR requirements, please contact either Christine Paulson (515-242-5154) or Diane Brockshus (515-281-4801).

**How is PMMIC incorporating this in the compliance inspection?**

As stated earlier, PMMIC will be implementing this data collection process during the compliance inspection this year (2009). You will be asked to complete the “NESHAP Notification for Gasoline Dispensing Facilities (GDF)” form as part of the inspection response process. A brief explanation of the notification requirement and a one-page form will be enclosed with your PMMIC compliance inspection report, unless it is determined that none of the tanks on your facility meet the definition of a GDF. This form must be completed and returned to PMMIC by the date indicated on the inspection report. PMMIC will be compiling this data for all facilities and providing it to DNR as part of the biennial compliance inspection requirements. If we do not receive the NESHAP notification form from you, we are required to report to DNR that no data was received.

Even though you must complete this notification form, you may not have to make any changes to your existing facility. This form simply asks you to indicate which category your facility falls under (small, medium and large), and then check “yes” or “no” for the associated questions. Please provide all supporting installation documentation if you do make any equipment changes to your system. If you do not understand, or are not sure if you have the appropriate equipment, you should contact your petroleum equipment company.