



Maricopa County
Air Quality Department

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Title: **Gasoline Dispensing Facility Stage I Component Certification Policy**

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Approved by:

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Purpose

This document is intended to clarify the requirements within Maricopa County for the installation and use of non-California Air Resource Board (CARB) components in gasoline dispensing facilities (GDF) Stage I vapor recovery systems.

Discussion

On October 2, 1978, Maricopa County Air Pollution Control Regulations Rule 353: Gasoline in Stationary Dispensing Tanks, was amended to require the installation and maintenance of "...an approved Stage I Vapor Recovery System." The 1999 revisions required GDFs to use only CARB certified components after June 16, 1999. There have been no further revisions to the rule.

Since the 1999 rulemaking, the overall capture and control of fugitive petroleum vapors has greatly increased due to the technology advances in vapor recovery control components and systems for GDFs and motor vehicles. In 2001, CARB began implementing an enhanced vapor recovery (EVR) program to further reduce VOC emissions from GDF. As of April 1, 2005, all GDFs in California were required to be equipped with Phase I vapor recovery systems on their underground storage tanks to meet enhanced vapor recovery (EVR) standards. At the same time, all existing non-EVR Phase I systems were de-certified for use by CARB.

Per Rule 353, Section 303.2, all Stage 1 vapor recovery components including, but not limited to, replacement vapor valves, above ground storage tanks and new systems must install CARB certified components. In order to qualify as CARB Certified under Rule 353 components must meet the standards of the "Stationary Source Test Methods, Volume 2" adopted on April 8, 1999, not the EVR standards. The

current Rule 353 does not allow for non-CARB certified equipment to be installed or used for replacement of worn components.

CARB's decertification of non-EVR vapor recovery components did not only create a concern for Maricopa County, but throughout the United States. The local or regional regulating authority was forced to choose between implementing a plan for the GDF to install CARB certified EVR systems or establish a means of certifying systems that would meet the same stringency as the Stage I vapor recovery components originally certified by CARB.

To address the CARB de-certification of Stage I vapor recovery equipment, Arizona Department of Weights and Measures (ADWM) requested the legislature to amend its statutory authority. ADWM requested approval for GDFs to use non-CARB certified components under specific conditions. In 2010, A.R.S. § 41-2132 was revised to include wording that allows the use of non-CARB certified Stage 1 vapor control components approved by a third party that is recognized by the industry and the department.

Statement of Policy

Arizona Revised Statute §41-2132 allows the installation and use of non-CARB certified Stage 1 vapor control components approved by a third party that is recognized by the industry and the department. Maricopa County will utilize the ADWM approved listing of Stage I vapor recovery components. Until the applicable rules are revised, Stage 1 vapor recovery components installed within Maricopa County that are not CARB certified components will be reviewed on a case by case basis. The department will use Control Officer discretion to determine if the non-CARB certified component meets the intent of Rule 353: Gasoline in Stationary Dispensing Tanks.

DISCLAIMER: The policies and procedures outlined in this guidance are intended to supplement existing requirements. Nothing in the policies or procedures shall affect regulatory requirements. The policies and procedures herein are not an adjudication or a regulation. There is no intent on the part of the department to give the rules in these policies that weight or deference. This document establishes the framework within which the department will exercise its administrative discretion in the future. The department reserves the discretion to deviate from this policy statement if circumstances warrant.