



Arizona

Department of Weights and Measures

Vapor Recovery RSR Training

Class Date:



Class Logistics and Protocols

- ❖ **Breaks**
- ❖ **Bathrooms**
- ❖ **Cell Phone use**
- ❖ **Sign in sheet include your cell Number**

Course Structure

- ❖ **Program Authority**
- ❖ **RSR Training Requirements**
- ❖ **RSR Qualification**
- ❖ **RSR Duties and Responsibilities**
- ❖ **RSR Program Reporting Requirements**
- ❖ **RSR Written Exam**

State Program Authority

❖ State Implementation Plan (SIP)

- ❖ In 1999, the EPA designated Maricopa County a non-attainment area for the 1 hour ozone standard.
- ❖ Arizona had to submit a plan for compliance with the Federal standards.
- ❖ One of the measures in the plan, Arizona adopted a Vapor Recovery program similar to that of California.

State Program Authority (cont.)

- ❖ The State delegated to our Department the administrative responsibility for this program. The Department's authority is for Stage II.
- ❖ Stage I is currently administered by Maracopa county, but due to CARB regulations, we share in the enforcement responsibilities.
- ❖ The Department developed regulations governing the program. Those regulation are delineated in A.A.C. Article 9 of the Department's rules.

State Program Authority (cont.)

❖ Below are sections where you can find the regulatory requirements for RSAs and RSRs.

R20-2-601 - Qualification; License and renewal Application

R20-2-602 - Duties

R20-2-603 - Grounds for Denying License or Renewal: Disciplinary Action;
and Certification of Standards and Testing Equipment

R20-2-604 - Prohibited Acts

R20-2-605 - Material Incorporated by Reference

R20-2-104 - Administrative Enforcement Action

State Program Authority (cont.)

❖ Below are sections where you can find the regulatory requirements for the Vapor Recovery Program.

R20-2-901 - Material Incorporated by reference

R20-2-902 - Exemptions

R20-2-903 - Equipment and Installation

R20-2-904 - Application Requirement and Process for Authority to Construct Plan Approval

R20-2-905 - Initial Inspection and Testing

R20-2-906 - Fees

R20-2-907 - Operations

R20-2-908 - Training and Public Education

R20-2-909 - Recordkeeping and Reporting

R20-2-910 - Annual Inspection and Testing

R20-2-911 - Compliance Inspections

RSA Qualification

❖ R20-2-601 (A)(1)(a)

To obtain a license as a registered service agency, an applicant shall provide evidence that;

The applicant's registered service representative has a thorough knowledge of all appropriate law within:

**A.R.S. Title 41, Chapter 15,
CARB Executive Orders,
and this Chapter.**

RSA Qualification

❖ R20-2-601 (A)(1)(b)

The applicant provides its representative(s) with a copy of the portions of:

A.R.S. Title 41, Chapter 15,
CARB Executive Orders,
and this Chapter
relating to registered service representative duties.

RSA Qualification

❖ R20-2-601(A)(1)(c)

The Applicant:

Possesses the necessary test equipment, calibrated annually, to perform the air to liquid (A/L) test of a vapor recovery system or vapor recovery component properly.

RSR Qualification

❖ R20-2-601 (B)

A thorough knowledge of all appropriate law within:

A.R.S. Title 41, Chapter 15,
CARB Executive Orders,
and this Chapter.

RSR Training Requirements

❖ R20-2-601 (C)

**Complete the Department's training class,
Take and pass a written Vapor Recovery exam,
administered by the Department.**

RSR Duties and Responsibilities

❖ R20-2-602 (B)

A Registered Service Representative shall:

Install only equipment or components that meet the requirements of this Chapter;

Perform all Vapor Recovery tests according to this Chapter;

RSR Duties and Responsibilities

❖ R20-2-602 (B) (cont.)

Perform all appropriate tests when:

*repairing a commercial device or:
repairing or replacing a vapor recovery
system or component,*

to ensure that the requirements
of: A.R.S. Title 41, Chapter 15,
CARB Executive Orders,
and this Chapter are met:

RSR Duties and Responsibilities

❖ R20-2-602 (B) (cont.)

**Report to the owner/operator;
components or commercial devices that do not
conform with:**

**A.R.S. Title 41, Chapter 15,
CARB Executive Orders,
and this Chapter.**

**and complete the Department's
place-in-service reports:**

***accurately, completely
and within the required time frames.***

RSR Duties and Responsibilities

❖ R20-2-602 (B) (cont.)

The non-compliant system or component shall not be used for commercial purpose until it is repaired and passes the test(s) required by R20-2-910.

The registered services representative shall notify the Department of the stop-sale, stop-use by 6:00 am of the day after the non-compliant vapor recovery system or component is secured or one hour before the test, whichever is sooner, so that the Department can witness the test.

RSR Duties and Responsibilities

❖ R20-2-602 (B)(2) (cont.)

If a vapor recovery registered service representative *cannot* correct a violation *and* has to leave the vapor recovery site, the registered service representative *shall* secure the non-compliant vapor recovery system or component from commercial use.

Initial Inspection and Testing

❖ R20-2-905 (D)

A person who cancels an initial inspection *shall* notify the Department by calling the Department's designated telephone number at least one hour before the scheduled inspection and *shall* reschedule the inspection within 10 days after this notification.

Initial Inspection and Testing

❖ R20-2-905 (F)

If a registered service representative does not start an initial inspection pressure decay test within 30 minutes of the scheduled start time, the Department *shall* fail the initial inspection of the site.

Annual Inspection and Testing

❖ R20-2-910 (A)

An annual inspection *shall* be conducted by a registered service representative on or before the annual inspection date. The *annual inspection date* is the last day of the month in which the last scheduled annual inspection was performed.

Annual Inspection and Testing

❖ R20-2-910 (B)

The annual inspection *shall* include the tests defined in R20-2-905 (A)(1) through (8) that pertain to the specific vapor recovery system installed at that site.

Annual Inspection and Testing

❖ R20-2-910 (E)

After an annual inspection begins,

shall not make a repair to the vapor recovery system or component until the results of the inspection are recorded.

Annual Inspection and Testing

❖ R20-2-910 (F)

A registered service representative *shall* perform all the tests according to Article 9 *and* any other vapor recovery procedure that the Department issues to registered service agencies.

ARIZONA

Department of Weights and Measures Procedures

- ❖ Required documentation for an Annual Test
- ❖ Required documentation for an Initial VR Test
- ❖ **AND MORE**

Annual Inspection and Testing

❖ R20-2-910 (G)

A person who cancels a witnessed inspection *shall* notify the Department by calling the Department's designated telephone number at least one hour before the scheduled inspection and *shall* reschedule the test to be completed by the Annual Inspection date.

Grounds for Denying License or Renewal; Disciplinary Action and Certification of Standards and Testing Equipment

❖ R20-2-603 (F)

The Department may deny a license or renewal for any of the following reasons:

**Providing false or misleading information;
Failure to meet annual certification
requirements for standards or testing
equipment;**

Grounds for Denying License or renewal; Disciplinary Action and Certification of Standards and Testing Equipment

❖ R20-2-603 (F)

The Department may deny a license or renewal for any of the following reasons:

Failure to meet the requirements stated in this Article; or

For any reason that would be grounds for suspension, revocation, or refusal to renew.

Grounds for Denying License or renewal; Disciplinary Action and Certification of Standards and Testing Equipment

❖ R20-2-603 (G)

The Department may suspend, revoke, or refuse to renew a licensee if the applicant is not qualified to perform those duties required or has been found to have violated any provision of A.R.S. Title 41, Chapter 15 or this Chapter.

Administrative Enforcement Action

❖ R20-2-104 (M)(1)

If a registered service agency submits to the Department an inaccurate or incomplete place-in-service or test report, the Department shall:

Return the inaccurate or incomplete place-in-service or test report to the agency for correction, and

Impose a \$50 civil penalty on the agency each time the agency resubmits a place-in-service report or test report without making all needed corrections.

Administrative Enforcement Action

❖ R20-2-104 (M)(2)

The Department shall impose a \$300 civil penalty on a registered service representative who incorrectly:

- Installs a commercial device or,
- Repairs a commercial device or,
- Tests a vapor recovery system or,
- Repairs a vapor recovery system.

Administrative Enforcement Action

❖ R20-2-104 (M)(3)

If an unlicensed person represents himself as a registered service agency, the Department shall:

Issue an administrative order and

Impose a \$500 civil penalty and

Confiscate the unlicensed person's calibration standards if the unlicensed person violates and administrative order.

Administrative Enforcement Action

❖ R20-2-104 (M)(7)

The Department *shall* issue an administrative order to a vapor recover registered service agency or person who owns a vapor recovery system that does not, according to A.R.S. Title 41, Chapter 15, and this Chapter:

Notify the Department of a test date and time,

Begin a test at the approved time,

Appear for a witnessed test,

Close a vapor recovery system for repairs if the system fails, or

Perform a test

Administrative Enforcement Action

❖ R20-2-104 (M)(8)

The Department *shall* impose a \$300 civil penalty on a vapor recovery registered service agency that violates subsection (M)(7) twice in 12 months.

Administrative Enforcement Action

❖ R20-2-104 (M)(10)

If a registered service representative determines that a vapor recovery system or component is not in compliance with A.R.S. Title 41, Chapter 15, or this chapter, the registered service representative shall:

Secure the non-compliant vapor recovery system or component from use before the registered service representative leaves the vapor recovery site or until the system or component passes the tests required by R20-2-910;

Administrative Enforcement Action

❖ R20-2-104 (M)(10) (cont.)

Notify the Department of the secured, non-compliant vapor recovery system or component before leaving the site; and

Notify the Department of the time of the test required by R20-2-910 by 6:00 am of the day after the non-compliant vapor recovery system or component is secured or one hour before the test, whichever is sooner.

Administrative Enforcement Action

❖ R20-2-104 (M)(11)

If a registered service representative fails to comply with subsection (M)(10)(b) or (M)(10)(c), the Department shall:

Impose a \$300 civil penalty
on the registered service representative.

Administrative Enforcement Action

❖ R20-2-104 (M)(11) (cont.)

Issue an administrative order, if the registered service representative is penalized under this subsection three times in 12 months, requiring the registered service representative to take and pass the licensing competency examination; and

suspend or revoke the license of the registered service agency employing the registered service representative does not comply with an order issued under subsection (M)(11)(b)

Program Definitions



Program Definitions (cont.)

- ❖ **Malfunction** - any failure of a vapor recovery system or component to operate as designed by the manufacturer.
- ❖ **Modification** - adding to, replacing, or upgrading a site's vapor recovery system, not including the repair of or replacement with like parts.

Program Definitions (cont.)

❖ **Stop-sale Stop-use tag** - a blue tag or blue tape issued by the Department, that signifies that a commercial device, including a vapor recovery system or component, or liquid fuel, does not meet the requirements of:

A.R.S. Title 41, Chapter 15,
NIST Handbook 44, 130, or 133,
CARB Executive Order(s),
or this Chapter.

Program Reporting Requirements for RSA and RSR

- ❖ **Annual Test Checklist for RSR**
- ❖ **Annual Test Checklist for Owner/operator**
- ❖ **Department report forms**

Written Test

- ❖ You must get 85% to pass.
- ❖ You can use a course materials.
- ❖ You will have 45 minute to complete the test.
- ❖ Review after all tests are done.
- ❖ License will be issued by the Department's within 7 days.

Contact information

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