

**MARICOPA COUNTY
AIR POLLUTION AIR CONTROL REGULATIONS
REGULATION III – CONTROL OF AIR CONTAMINANTS**

**RULE 315
SPRAY COATING OPERATIONS**

INDEX

SECTION 100 – GENERAL

101 PURPOSE

SECTION 200 – DEFINITIONS (NOT INCLUDED)

SECTION 300 – STANDARDS

301 CONTROLS REQUIRED

302 EXEMPTIONS

SECTION 400 – MONITORING AND RECORDS (NOT INCLUDED)

SECTION 500 – TEST METHODS

501 TEST METHODS ADOPTED BY REFERENCE

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SECTION 100 – GENERAL

101 **PURPOSE:** To limit the emission of particulate matter to the atmosphere from spray coating operations.

SECTION 200 – DEFINITIONS (NOT INCLUDED)

SECTION 300 – STANDARDS

301 **CONTROLS REQUIRED:** No person shall use or operate any spray painting or spray coating equipment unless one of the following conditions is met:

301.1 **Equipment Operated in Enclosures Located Outside a Building:** Spray coating equipment shall be operated inside an enclosure which has at least three sides a minimum of eight feet in height and able to contain any object or objects being coated.

a. **Three-Sided Enclosures:** Spray shall be directed in a horizontal or downward pointing manner so that overspray is directed at the walls or floor of the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of the top of the enclosure.

b. **More Complete Enclosures:** For enclosures with three sides and a roof or complete enclosures, spray shall be directed into the enclosure so that the overspray is directed away from any opening in the enclosure. No spraying shall be conducted within three feet of any open end and/or within two feet of any open top of the enclosure.

301.2 **Equipment Operated with Forced Air Exhaust Vented Directly Outside:** Any spray booth or enclosure with forced air exhaust must have a filtering system with an average overspray removal efficiency of at least 92% by weight for the type of material being sprayed. No gaps, sags or holes shall be present in the filters and all exhaust must be discharged into the atmosphere. Spray Booths or enclosures utilizing a water curtain, waterfall or other means to capture particulates in a liquid medium shall effectively remove at least 92% of the overspray and be operated in a manner consistent with the manufacturer's specifications to achieve such efficiency for the type of material being sprayed.

302 **EXEMPTIONS:** The controls required in Section 301 of this rule shall not apply:

- 302.1 To the spray coating of buildings or dwellings, including appurtenances and any other ornamental objects that are not normally removed prior to coating
- 302.2 To the spray coating of facility equipment or structures which are fixed in a permanent location and cannot easily be moved into an enclosure or spray booth and which are not normally dismantled or moved prior to coating.
- 302.3 To the spray coating of objects which cannot fit inside of an enclosure with internal dimensions of 10'W X 25'L X 8'H.
- 302.4 To enclosures and spray booths and exhausts located entirely in a completely enclosed building, providing that any vents or openings do not allow overspray to be emitted into the outside air.
- 302.5 To any coating operations utilizing only hand-held aerosol cans.

SECTION 400 – MONITORING AND RECORDS (NOT INCLUDED)

SECTION 500 – TEST METHODS

- 501 **TEST METHODS ADOPTED BY REFERENCE:** Determination of filter efficiency shall be determined by either ASHRAE Standard 52-76 (publication date of May 1976) or by Test Method 319 (40 CFR 63, Appendix A, publication date of July 1, 1999). These methods are adopted by reference. This adoption by reference includes no future editions or amendments. Copies of the test methods referenced in this section are available at the Maricopa County Air Quality Department.