



FACT SHEET

R307-348 Magnet Wire Coatings

Overview

The Utah Division of Air Quality Rule R307-348, was adopted as part of a package of rules designed to help minimize pollution. The purpose of this rule is to limit volatile organic compound (VOC) emissions from magnet wire coating operations and applies to sources located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber counties that emit 2 tons per year or more of VOC, including related cleaning activities.

Requirements

You have the option of either limiting the amount of VOC coatings applied or limiting VOCs by using add on control systems. (See entire rule for all circumstances.)

VOC Content Limit

No owner or operator shall apply coatings with a VOC content greater than 200 grams VOC per liter (1.7 pounds per gallon), excluding water, and exempt solvents, unless the owner or operator uses an add-on control device.

Add-On Controls Systems

If an add-on control system is used, the owner or operator shall install and maintain the add-on emission control system in accordance with the manufacturer recommendations and maintain 90% or greater capture and control efficiency. The overall capture and control efficiency shall be determined using EPA approved methods or an alternative test method may be substituted for the preceding test methods after review and approval by the EPA Administrator.

Work Practices

The owner or operator shall:

- Store all VOC-containing coatings and cleaning materials in closed containers;
- Minimize spills of VOC-containing coatings and cleaning materials;
- Clean up spills immediately;
- Convey any coatings, thinners, and cleaning materials in closed;
- Close mixing vessels that contain VOC coatings and other materials and
- Minimize usage of solvents during cleaning, storage, mixing, and conveying equipment.

Utah Division of Air Quality

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Contact

(801) 536-4000

General Air Quality information, regulations, and contact information:
<https://deq.utah.gov/Divisions/daq/index.htm>

This fact sheet provides general information concerning the General Burning rule. See:
<https://rules.utah.gov/publicat/code/r307/r307-348.htm> for the entire rule.

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Recordkeeping

Maintain records, for a minimum of two years, of inventory and product data sheets of all coatings and solvents applied. If an add-on control device is used, and the physical characteristics that demonstrate compliance with R307-348. Records shall be made available to the director upon request.

