



# ***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 that emit 2 tons per year or more of VOC, including related cleaning activities an are located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber counties.

### **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 determined using EPA approved methods or an alternative test preceding test methods after review and approval by the EPA

### **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.

### **Recordkeeping**

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/division-air-quality>

This fact sheet provides general information  
concerning the Magnet Wire Coatings rule.  
See:  
<https://adminrules.utah.gov/public/home>  
for the entire rule.

### **DEQ Social Media**

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[dequtah.blogspot.com](http://dequtah.blogspot.com)

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and control efficiency shall be  
method may be substituted for the  
Administrator.

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.