



UTAH DEPARTMENT of
**ENVIRONMENTAL
QUALITY**

FACT SHEET

R307-335 Degreasing

Overview

The Utah Division of Air Quality Rule R307-335, was adopted as part of a package of rules designed to help minimize pollution. The rule applies to all degreasing operations that use Volatile Organic Compounds and that are located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber counties.

Requirements

No owner or operator shall operate a degreasing or solvent cleaning operation unless all conditions in R307-335 are met. (See entire rule for all circumstances.)

For Cold Cleaning Facilities

- An installed cover that remains closed, except during actual loading, unloading or handling.
- An internal draining rack for cleaned parts.
- Use of control devices if the solvent volatility is greater than 4.3 kPa measured at 38 degrees C (100 degrees F), or if solvent is heated above 50 degrees C (120 degrees F).
- Any solvent spray used must be a solid fluid stream at a pressure that does not cause excessive splashing. Fine, atomized or shower type sprays are not allowed.

For Open Top Vapor Degreasers

- A cover that can be opened and closed without disturbing the vapor zone.
- Install a control device.
- Install safety switches on condenser, thermostat and spray switches.
- Minimize solvent carryout.
- Spray parts only in or below the vapor level.
- No ventilation fans near the degreaser opening.
- No degreasing porous or absorbent materials, such as cloth, leather, wood or rope.
- No workloads that occupy more than half of the open top area.
- No solvent visually detectable in water exiting the water separator.
- Open top vapor degreasers with an open area smaller than one square meter.

For Conveyorized Degreasers

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 the Degreasing rule. See <https://adminrules.utah.gov/public/home> for the entire rule.

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- Install a control device with an air/vapor interface equal to or greater than two square meters such as a refrigerated chiller; or carbon adsorption system.
- Equip the cleaner with equipment, such as a drying tunnel or rotating (tumbling) basket, sufficient to prevent cleaned parts from carrying out solvent liquid or vapor.
- Provide downtime covers for closing off the entrance and exit during shutdown hours.
- Minimize carryout emissions by racking parts for best drainage and maintaining the vertical conveyor speed at less than 3.3 meters per minute.
- Minimize openings.
- Install safety switches.
- Ensure that solvent is not visibly detectable in the water exiting the water separator.

In addition to meeting the above requirements, all Cold Cleaning Facilities, Open Top Vapor Degreasers and Conveyorized Degreasers must:

- Store waste or used solvent in covered containers.
- Maintain tanks, containers and all associated equipment in good operating condition.
- Post O&M procedures in an accessible and conspicuous location near the degreasing or solvent cleaning equipment.

Recordkeeping

You are required to maintain, for a minimum of two years, appropriate records to demonstrate compliance with R307-335.