

## **Conveyorized Degreasers**

### **Organic Solvent Degreasing Operations (326 IAC 8-3)**

#### **Control device or control practice if the solvent is heated to 48.9 °C (120 °F):**

- Refrigeration
- Carbon adsorption
- An equivalent control which must be tested

#### **Operating practices:**

- Post operating requirements where they can be readily seen by the user
- Repair leaks immediately or shut down the degreaser
- **Minimize solvent carryout**
  - Rack parts to maximize drainage
  - Maintaining vertical conveyor speed at less than 3.3 meters per minute or 11 feet per minute
- **Prohibitions**
  - Placing fans near the degreaser opening
  - Exceeding exhaust ventilation rate of 20 cubic meters per minute per square meter of open area (65 cubic feet per minute per square foot)
- **Equipment**
  - Entrance and exit covers; close when idle
  - Condenser flow switch and thermostat shutting off sump heat if the condenser becomes too warm
  - Spray safety switch shutting off spray pump if vapor level drops more than 10 centimeters (4 inches)
  - Vapor level control thermostat shutting off sump heat when vapor level rises more than 10 centimeters (4 inches)
  - Entrance and exit clearance is less than 10 centimeters (4 inches) or less than 10 % of the opening width
  - Drying tunnel, rotating basket, tumbling basket, other

#### **Waste storage**

- Keep lids on waste solvent containers unless adding or removing material
- Take precautions when transferring waste solvent to another container or by a transporter

Applicable to degreasers constructed after July 1, 1990

### **Exemptions**

- Surface area is less than 2 square meters or 21.6 square feet; as an example, 100 centimeters by 200 centimeters or 48 inches by 64 inches
- Degreasers subject to 40 CFR 63, NESHAP (National Emission Standards for Hazardous Air Pollutants)
  - Subpart T – Halogenated Solvent Cleaning
  - Subpart GG – Aerospace Manufacturing and Rework Facilities not located in Clark, Floyd, Lake or Porter counties
- Degreasing the following types of electronic components
  - Circuit board and printed wire assemblies
  - Printed circuit boards
  - Soldered joints
  - Ground wires
  - Bus bars
  - Other associated electronic components