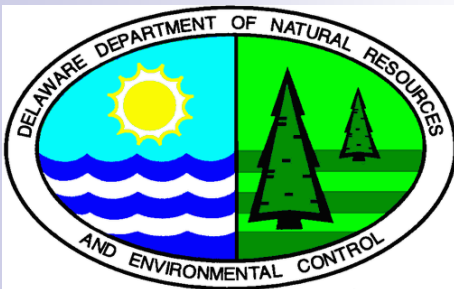




7 DE Admin Code 1138 Section 13

New Paint Stripping Standard

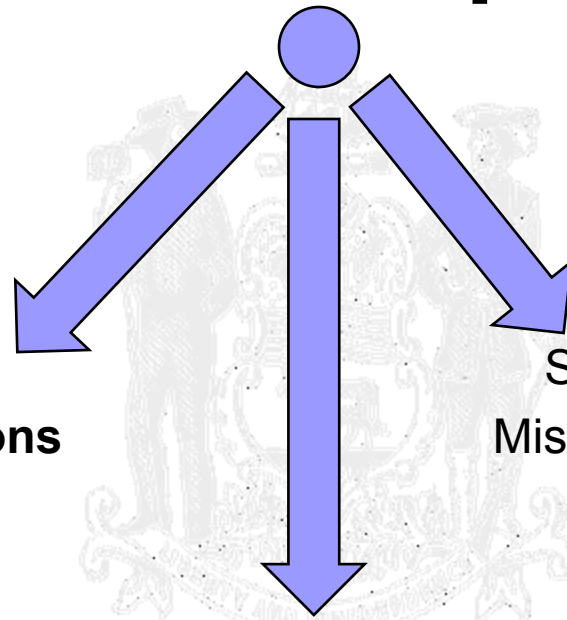
Public Workshops
Sept. 22, 24, and 29, 2009



Blue Skies Delaware; Clean Air for Life

National Air Toxics Standard Finalized on January 9, 2008

40 CFR Part 63 Subpart HHHHHH



**Methylene Chloride
Paint Stripping Operations
Section 13**

**Spray Coating Operations for
Miscellaneous Parts and Products
Section 14**

**Spray Coating Operations for
Motor Vehicles and Mobile Equipment
Section 15**

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Who is subject to Section 13?

Each area source facility that performs paint stripping using chemical strippers containing methylene chloride for the removal of dried paint (including, but not limited to, paint, enamel, varnish, shellac, and lacquer) from wood, metal, plastic, and other substrates



Are there any exemptions from Section 13?

- Operations at **non-area** sources (e.g. major HAP sources) – $\geq 10/25$ tpy
- Operations conducted for **QC or R&D** purposes
- Operations already subject to paint stripping requirements in 40 CFR Part 63.
- Operations at installations owned or operated by the US Armed Forces
- Operations stripping military munitions manufactured by or for the US Armed Forces

AND

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Are there any exemptions from Section 13?

- Operations using chemical strippers that do not contain methylene chloride

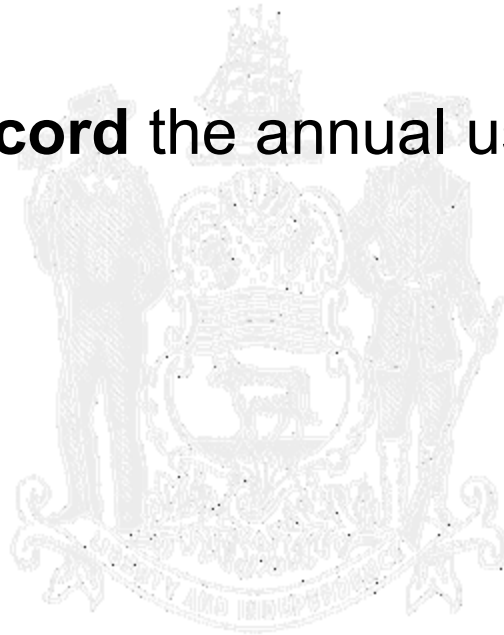
For example
Molecular – Tech Coatings, Inc
EFS-2500

<http://www.m-tc.com/efs2500data.cfm>



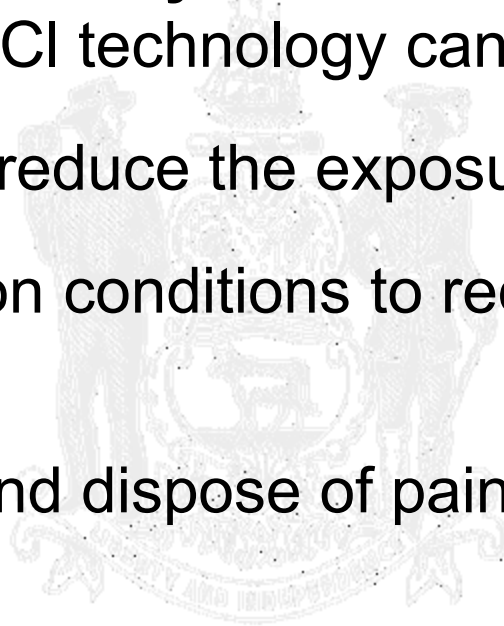
What must be done to be in compliance?

- **Implement** the management practices to minimize the evaporative emissions of MeCl
- **Determine and record** the annual usage of MeCl



What are the “management practices”?

- Determine if paint stripping is truly necessary
- **If stripping is necessary**, determine whether an alternative non-MeCl technology can be used
- **If no alternative**, reduce the exposure of MeCl to air
- Optimize application conditions to reduce MeCl evaporation
- Properly storage and dispose of paint strippers containing MeCl



Are there other compliance requirements?

**Additional requirements,
if facility uses over 1 ton of MeCl per year**

- **Prepare and implement** a written “MeCl minimalization plan” that addresses, at minimum, the management practices
- **Post signage** outlining the “MeCl minimalization plan”



Are there other compliance requirements?

For existing sources

- **Submittal** of “Initial Notification” no later than Sept. 11, 2010
- **Submittal** of “Notification of Compliance Status” no later than March 11, 2011
- **Submittal** of “Annual Notification of Changes” report no later than March 1 following each calendar year, if a deviation or change occurred
- **Keep** all records associated determination of MeCl usage and occurrences of deviations



Are there other compliance requirements?

For new sources

- **Submittal** of “Initial Notification” no later than 180 day following initial start up or Sept. 11, 2010, whichever is later
- **Submittal** of “Notification of Compliance Status” no later than 180 day following initial start up or Sept. 11, 2010, whichever is later
- **Submittal** of “Annual Notification of Changes” report no later than March 1 following each calendar year, if a deviation or change occurred
- **Keep** all records associated determination of MeCl usage and occurrences of deviation



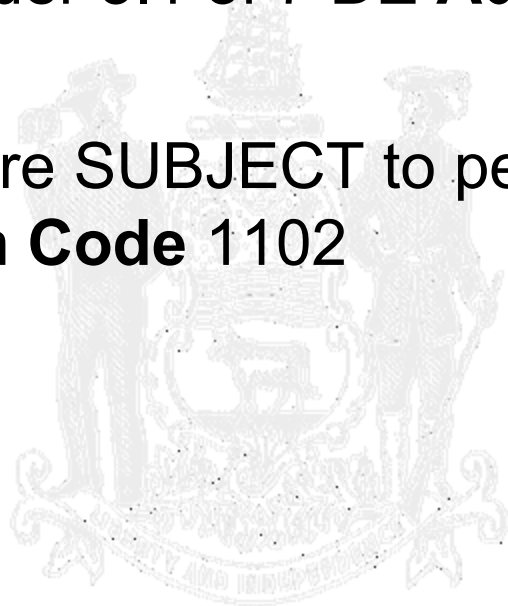
When must a facility be in compliance?

- Existing affected sources must be in compliance no later than January 10, 2011
- New affected sources must be in compliance not later than **September 11, 2010** or upon initial startup, whichever is later



What are the permitting requirements?

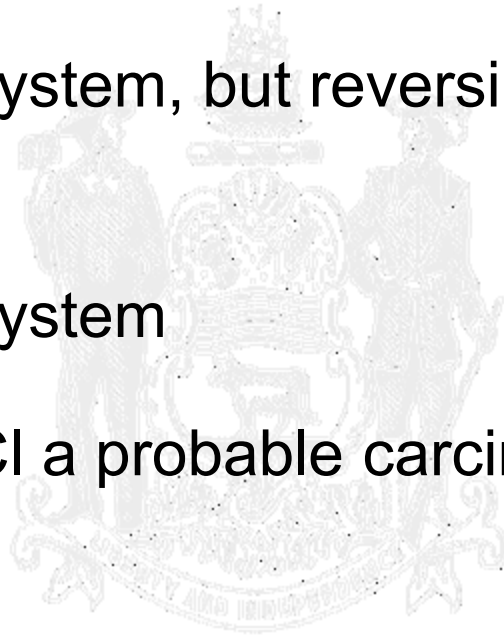
- Affected sources are exempt from Title V permitting requirements, **IF** the O/O is not otherwise required to obtain a Title V permit under 3.1 of 7 **DE Admin Code 1130**
- Affected sources are **SUBJECT** to permitting requirements under 7 **DE Admin Code 1102**



Why is this standard being adopted?

Methylene Chloride (MeCl) Health Effects

- Acute Effects
 - Central nervous system, but reversible
- Chronic effects
 - Central nervous system
- EPA consider MeCl a probable carcinogen (B2)



Compliance Assistance Tools Available

- **Initial notification**
- **Notification of compliance status**
- **Annual notification of changes report**

<http://www.awm.delaware.gov/Info/Regs/Pages/Section13.aspx>



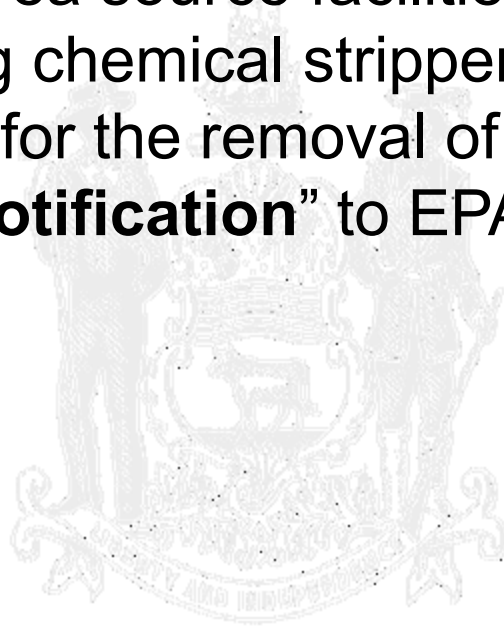
Projected Path Forward

- Public workshops for motor vehicle and mobile equipment surface coating facilities – Feb. 2010
- Publish proposed rule in Delaware Register of Regulation – May 2010
- Public hearing – Dover – May 2010
- Publish final rule in Delaware Register of Regulation – Sept. 1, 2010
- Rule effective date – Sept. 11, 2010



WARNING – WARNING - WARNING

The national air toxics standard on which Section 13 is heavily based (40 CFR Part 63 Subpart HHHHHH) requires **existing** area source facilities that performs paint stripping using chemical strippers that contain methylene chloride for the removal of dried paint to submit an “**Initial Notification**” to EPA no later than January 11, 2010.



For More Information

- www.awm.delaware.gov/Info/Regs/Pages/Section13.aspx
- Contact Jim Snead
 - (302) 323-4542
 - james.snead@state.de.us

