

Air Quality Planning Update

**NJDEP Air Quality Planning
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September 6, 2013**

Potential New Air Rules

- **USEPA Control Techniques Guidelines (CTGs)**
- **Ozone Transport Commission (OTC) Model Rules**

Ozone Transport Commission (OTC) Regional Control Strategies

- **OTC Model Rules Under Consideration By the Department:**
 1. **Consumer Products (including Paint Thinners)**
 2. **Architectural Coatings**
 3. **Autobody Refinishing**
 4. **Solvent Cleaning**

Consumer Products (Third Update)

- Existing NJ rule (Sub 24) sets limits on the VOC content of several consumer products such as household cleaners, automotive repair cleaners, air fresheners, brake cleaners, adhesives, and hairspray.
- Existing NJ rule also bans perchlorethylene, methylene chloride, and trichlorethylene in products such as automotive repair products, adhesives and leather care products and paradichlorbenzene in air fresheners and toilet/urinal cleaners .
- Existing NJ rule and New OTC Model rule based on CARB rules

Consumer Products

- **Latest OTC Model Rule**
- **NEW** product categories:
 - Aerosol Anti-Static Products
 - Disinfectants
 - Sanitizers
 - Temporary Hair Color (aerosol)
 - Paint Thinners
 - Multi-Purpose Solvents
- **EXISTING** product categories with more stringent VOC limits:
 - Construction, Panel and Floor Covering Adhesive
 - Brake Cleaners
 - Carburetor or Fuel-injection Air Intake Cleaners
 - Engine Degreaser (aerosol)
 - Floor Polishes or Waxes
 - General Purpose Cleaners
 - General Purpose Degreasers
 - Laundry Starch/Sizing/Fabric Finish
 - Shaving Gel
 - Oven Cleaners (non-aerosol)
 - Furniture Maintenance Products (non-aerosol)
 - Bathroom and Tile Cleaners (non-aerosol)
 - Nail Polish Removers

Architectural Coatings (Second Update)

- Existing NJ rule (Sub 23) sets limits on the VOC content of coatings such as **paints, varnishes, stains.**
- Applies to paints used on **stationary structures**, where emission controls cannot be utilized, such as houses, bridges, buildings...
- Existing NJ rules and New OTC Model rule based on CARB

Architectural Coatings

Latest OTC Model Rule

New Categories	Lowered Limits	Eliminated Categories
Aluminum Roof	Bituminous Roof Coatings	Antenna Coatings
Basement Specialty	Dry Fog Coatings	Antifouling Coatings
Concrete/Masonry Sealer	Flat Coatings	Lacquers
Reactive Penetrating Sealer	Floor Coatings	Sanding Sealers
Stone Consolidant	Mastic Texture Coatings	Varnishes
Tub and Tile Refinish	Nonflat Coatings	Fire Retardant Coatings
Waterproofing Membranes	Nonflat - High Gloss Coatings	Flow Coatings
Wood Coatings	Primers, Sealers, and Undercoaters	Quick Dry Enamels
Zinc-Rich Primer	Roof	Quick Dry Primers, Sealers, and Undercoaters
Conjugated Oil Varnish	Rust Preventative	Swimming Pool Repair and Maintenance Coatings
Reactive Penetrating Stone Sealer	Specialty Primers, Sealers, and Undercoaters	Temperature Indicator Safety Coatings
	Traffic Marking	Waterproofing Sealers
	Driveway Sealer (Bituminous Pavement Sealer)	Waterproofing Concrete/Masonry Sealers

Autobody Refinishing (Second Update)

- Existing NJ rule (Sub 16.12) sets state specific standards on **paint application methods and equipment cleaning**
- New OTC Model Rule based on CARB sets more stringent **VOC limits on paint and solvent cleaning**

Autobody Refinishing

Latest OTC Model Rule

Coating Type Category	Limit (l/gal)	Limit (g/l)
Adhesion promoter	4.5	540
Automotive pretreatment coating	5.5	660
Automotive primer	2.1	250
Clear coating	2.1	250
Color coating	3.5	420
Multicolor coating	5.7	680
Other automotive coating type	2.1	250
Single-stage coating	2.8	340
Temporary protective coating	0.5	60
Truck bed liner coating	2.6	310
Underbody coating	3.6	430
Uniform finish coating	4.5	540
Solvents for Cleaning		25

Solvent Cleaning (Second Update)

- The OTC model rule lowers the VOC emissions from solvent cleaning operations of parts at industrial and commercial facilities such as parts used in manufacturing and auto repair shops
- The OTC model rule is based on SCAQMD rules and sets a VOC limit on solvents used in cold cleaning machines

Stakeholder Process

- Many stakeholder's for product rules are outside of New Jersey
- Numerous meetings, calls and comment periods at regional level for model rules already conducted
- Stakeholders should inform the Department if they would like to be on the stakeholder list for any of these rules

Contact Information/Links

OTC Model Rules

- To be on the Stakeholder list for any of the OTC model rules contact Judy Rand at: judy.rand@dep.state.nj.us
- OTC model rules can be found at: <http://www.otcair.org/document.asp?fview=modelrules>
- Existing Air Planning rules can be found at: <http://www.state.nj.us/dep/aqm/rules27.html>
- To be on the Stakeholder list for any of the CTGs contact Joel Leon at: joel.leon@dep.state.nj.us

PM2.5 Redesignation Update

- **EPA Action:** On 8/13/2013, EPA designated New Jersey's 13 non-attainment counties to attainment for the annual 15 ug/m³ and the 24-hour 35 ug/m³ PM_{2.5} NAAQS
- As a result, the entire State of New Jersey is now classified in attainment
- **Effective Date:** The re-designation of the 13 counties to attainment is effective 9/4/2013 (FR 54396 9/4/2013).