

Air Quality Regulatory Update

February 3, 2023

Kenneth Ratzman
NJDEP Division of Air Quality
Director



Recent Air Quality Rules

New Jersey Stationary and Area Sources Rulemakings

- Air Toxics/Fumigation
- Stationary Source PACT
- Consumer Products (CP) and Architectural Coatings (AIMS)
- Greenhouse Gas Monitoring and Reporting Rule





Permit and Reporting Requirements for Fumigants and Other HAPs

- **Adopted February 24, 2022**
- **Key Requirements**
 - Additional substances to be reported on Emission Statement - reporting due this year
 - 3 new NJ HAPs
 - N-propyl bromide
 - Sulfuryl Fluoride
 - Hydrogen Sulfide
 - Clarification on Fumigation operations – Applications due Feb 3 (TODAY)



Stationary Source PACT

Primary CO₂

**Secondary Considerations:
NO_x, SO₂, PM**

- **Timing**
 - Proposed December 6, 2021
 - Adopted December 2, 2022
- **What was proposed?**
 - EGU Performance Standards
 - Bans combustion of #4 and #6 fuel oils
 - Non-Fossil Fuel Boiler Replacement

Existing Unit EGU Standards [N.J.A.C 7:27F-2.5(d)]



Date	Performance Standard
1/1/2024	1,700 pounds of CO2 per MWh gross energy output
1/1/2027	1,300 pounds of CO2 per MWh gross energy output
1/1/2035	1,000 pounds of CO2 per MWh gross energy output

Bans combustion of #4 and #6 fuel oils (7:27F-3.2)

Ban effective as per operative date of rule –
January 31, 2023

Exceptions include:

- Two year allowance for already in storage (7:27F-3.2(d))
- Ocean going Vessels (7:27F-3.3)
- *Allowance in Adoption for non-combustion related activities and sale of these fuels for use out of State*





Consumer Products (CP) and Architectural Coatings (AIMS)

- **Timing**
 - Stakeholdered September 2019
 - Updated Stakeholders in June 2022
 - Proposal in Summer 2023?
- **The Ozone Transport Commission developed model rules to reduce VOC emissions (an ozone precursor) from consumer products and coatings.**
- **Link to all OTC Model Rules**
 - <https://otcair.org/document.asp?fview=modelrules>
- **Coatings and consumer products represent the largest source of VOC emissions in the State's emission inventory.**



Consumer Products and Architectural Coatings

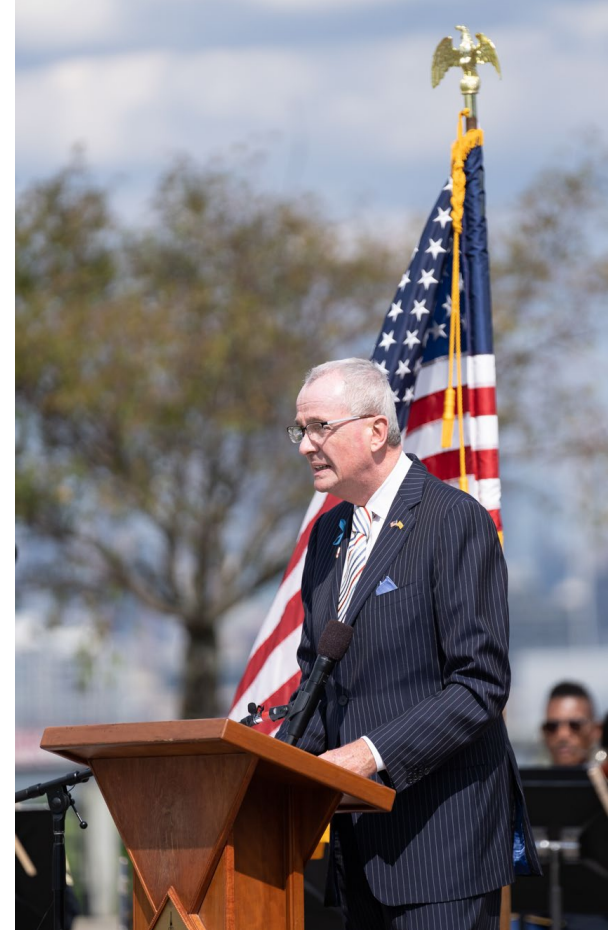
- **CP Model Rules 1 & 2 already in rules**
- **CP Model Rules 3 & 4 will be included in this rulemaking**
- **CP5 Model Rule not to be included**
- **Other States that have already adopted CP 3 &4**
 - DEL, MD, NH, NY, RI
- **AIMs Model Rule 1 already in rules**
- **AIMs Model Rule 2 in progress**
- **Other States that have already adopted AIMs 2**
 - DEL, MD, NY, RI

Greenhouse Gas Monitoring and Reporting Rule

Rule Adopted April 22, 2022

Facility Refrigeration System
Reporting service live as of January
4, 2023





Thank you!

