NYCRR Part 220 – Stakeholder Meeting

Subpart 220-1, Portland Cement Plants

- Revise terms to align with federal rule 40 CFR Part 63 Subpart LLL, "National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry."
- Revise particulate emission limits for kilns and clinker coolers.
- existing: 0.07 lb/ton clinker
- new or modified: 0.02 lb/ton clinker
- Remove current opacity requirement
- Monitor performance through use of a PM continuous parametric monitoring system
- Remove 40 CFR Part 75 NOx emissions monitoring and reporting requirements, replace with 40 CFR Part 60

Subpart 220-2, Glass Plants

- No significant changes
- Only adding severability section

Subpart 220-3, Asphalt Pavement Manufacturing Plants (New)

Remove current requirements from Part 212

- Repeal current Subpart 212-4, "Control of nitrogen oxides for hot mix asphalt production plants"
- Create new Subpart 220-3, "Asphalt Pavement Manufacturing Plants"
  - Control emissions from each source at facility
- Create 212-1.4 exception stating that "Sources applicable to 220-3 are not subject to 212"

Applicability

- Upon issuance of a new or modified permit or reconstructed aggregate processing unit; *or* 3-years from the effective date, whichever occurs first.
- *Asphalt pavement processing units* whose calculated annual production level of asphalt paving material is less than 75,000 tons per year will not be subject to the provisions of 220-3.

Requirements for new and existing facilities

- Low NOx burners - NOx variance will no longer apply
- Apply gr/dscf limit to filterable *and condensable* particulates
- Maintain requirement for annual burner tune-up
- Use low sulfur (15 ppm) diesel or natural gas for drum dryers and engines (waste oil is allowed)
- Vent condensers on liquid asphalt storage tanks
- Storage silo control based on size, modifications, upgrades

Requirements for existing facilities*

- Drag conveyor, storage silo, pug mill and load-out *blue smoke* controls
- Calculated annual production level
  - >500,000 tpy, within 1 year of effective date
  - 250,000 to 500,000 tpy, within 3 years of effective date
  - 75,000 to 250,000 tpy, within 5 years of effective date

*New facilities will be required to install blue smoke controls when constructed.