



**OZONE
TRANSPORT
COMMISSION**

**RESOLUTION 06-02 OF THE OZONE TRANSPORT COMMISSION
CONCERNING COORDINATION AND IMPLEMENTATION OF
REGIONAL OZONE CONTROL STRATEGIES FOR CERTAIN SOURCE
CATEGORIES**

Whereas, the Ozone Transport Commission (OTC) was established under Sections 176A and 184 of the federal Clean Air Act (CAA) to ensure the development and implementation of regional strategies to reduce ground-level ozone to healthful levels; and,

Connecticut

Delaware

Whereas, ozone has been shown to cause respiratory illnesses, exacerbate or trigger asthma related episodes, increase respiratory-related emergency room and hospital admissions and compromise the immune system leading to increased incidents of other respiratory illnesses, including pneumonia and bronchitis, and to cause premature death; and,

District of Columbia

Maine

Maryland

Whereas, the OTC is charged with exploring the contributions of all sources of air pollution to the ozone problem, including the transport of ozone and its precursors nitrogen oxides (NO_x) and volatile organic compounds (VOCs) into as well as throughout the ozone transport region (OTR); and,

Massachusetts

New Hampshire

Whereas, the OTC, its staff and its member state staff have explored a full range of emission sources and, as directed by the Commission through its charge to the Control Strategies Committee and its Statement with regard to regional control measures (November, 2005), are recommending certain control measures for a variety of mobile, stationary and area sources; and,

New Jersey

New York

Pennsylvania

Whereas, the respective state-sponsored workgroups and the Control Strategy Committee have, after soliciting stakeholder input, and consideration of the costs and magnitude of reductions potentially achievable, identified reasonable, technically feasible and cost-effective control measures for a variety of source categories; and,

Rhode Island

Vermont

Virginia

Whereas, on February 23, 2006, the OTC directed "the Executive staff to work with staff of the OTC member states to advance air quality modeling efforts to ensure the control strategy modeling for 2009 reflects the appropriate level of reductions from" measures including the following:

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Executive Director

- Asphalt Paving
- Asphalt Production Plants
- Cement Kilns
- Glass Furnaces
- Industrial, Commercial and Institutional Boilers

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Regional Fuels

THEREFORE, BE IT RESOLVED that the OTC member states will continue to work with interested stakeholders and pursue as necessary and appropriate state-specific rulemakings or other implementation methods to establish emission reduction percentages, emission rates or technologies as appropriate, that are consistent with the guidelines included in the table below:

| Source Category | Emission Rate | % Reduction |
|---|---------------------------|------------------|
| Asphalt Paving | (% VOC limit) | (from 2009 base) |
| Cutback | 4 | 20 |
| Emulsified | 4 | 20 |
| Asphalt Plant | (lbs NOx/ton) | |
| Major Sources | | |
| Batch Mix Plant – Natural Gas | 0.02 | 35 |
| Batch Mix Plant – Distillate Oil/Waste oil | 0.09 | 35 |
| Drum Mix Plant – Natural Gas | 0.02 | 35 |
| Drum Mix Plant – Distillate Oil/Waste oil | 0.04 | 35 |
| Minor Sources | | |
| Batch or Drum Mix Plant – Natural Gas | Low NOx Burner Technology | |
| Batch or Drum Mix Plant – Distillate Oil/Waste oil | Low NOx Burner Technology | |
| Cement Kilns | (lb NOx/ton of clinker) | |
| Wet | 3.88 | 60 |
| Long Dry | 3.44 | 60 |
| Preheater | 2.36 | 60 |
| Precalciner | 1.52 | 60 |
| Regional Fuel | | |
| Pursue a Regional Fuel Program Consistent with the Energy Act of 2005 | | |
| Glass Furnaces | (lb NOx/ton of glass) | |
| Container Glass | 1.50 | 85 |
| Flat Glass | 2.40 | 85 |
| Pressed/blown glass | 3.30 | 85 |
| ICI Boilers | (lb NOx/mmBtu) | |
| <25 mmBtu/hr | | 10 |
| 25-50 mmBtu/hr | | |
| Natural Gas | 0.05 | 50 |
| #2 Fuel Oil (25-100 mmBtu/hr) | 0.08 | 50 |
| #4 or #6 Fuel Oil (25-100 mmBtu/hr) | 0.20 | 50 |
| Coal | * | * |
| 50-100 mmBtu/hr | | |
| Natural Gas | 0.05 | 10 |
| #2 Fuel Oil (25-100 mmBtu/hr) | 0.08 | 10 |

