

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Resources, Bureau of Stationary Sources

625 Broadway, Albany, New York 12233-3254

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www.dec.ny.gov

Mr. Prince Knight
Laboratory Manager
Tradebe Environmental Services/Norlite Corporation
628 South Saratoga Street
Cohoes, NY 12047

July 9, 2015

Re: Notice of Approval of the Norlite 2015 Comprehensive Performance Test Plan (CPT)
Public Notice Requirement/DEC ID#4-0103-00016/00048

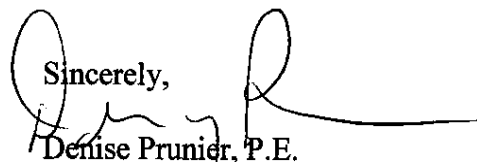
Dear Mr. Knight:

The Department has reviewed the Norlite latest revised CPT plan dated July 9, 2015. The test is designed to demonstrate compliance with the Maximum Achievable Control Technology (MACT) for the Hazardous Waste Combustors Rule promulgated by the United States Environmental Protection Agency (USEPA), specifically 40 CFR Part 63 Subpart EEE. This plan includes tests for the destruction and removal efficiency (DRE) of organic hazardous air pollutants and for air emissions of toxic metals, dioxin/furans and hydrochloric acid/chlorine while incinerating waste oils and off-site liquid hazardous wastes. The plan includes a performance evaluation (PE) for the continuous monitoring systems (CMSs) and for the Continuous Emissions Monitors (CEMs).

The Department hereby approves the plan. In accordance with 40 CFR Part 63.1207(e)(2), Norlite must issue a public notice announcing the approval of the test plan and a 60-day period in which the plan will be made available for public review. Please find enclosed a copy of the public notice to be published in a local newspaper. Norlite must provide the Department with proof of such notice. Norlite must arrange to have a copy of the approved CPT plan available for review by interested persons during the 60 day public notice period at the Cohoes Public Library, 169 Mohawk Street, Cohoes, NY 12047. In addition, Norlite must forward a copy of this notice to persons on its facility/public mailing list.

If you have any questions regarding the public notice requirements, please contact me at 518-408-5574.

Sincerely,



Denise Prunier, P.E.
Environmental Engineer 2
Enforcement Section
Bureau of Stationary Sources
Division of Air Resources

Enclosure



Department of
Environmental
Conservation

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC)
Notice of Approval of a Comprehensive Performance Test (CPT) Plan**

Applicant: Norlite Corporation
628 South Saratoga Street
Cohoes, New York 12047

Date: July 16, 2015

Permits/Application Numbers: DEC Title V Permit
DEC ID#4-0103-00016/00048

Project Location/Description: Norlite Corporation is located at 628 South Saratoga Street in the City of Cohoes and is a manufacturer of lightweight aggregate materials produced from shale mined at the plant. Norlite operates two hazardous waste burning light-weight aggregate kilns, several crushers for processing raw and finished materials, bulk storage tanks/containers for hazardous waste and other fuels, and several miscellaneous operations related to the production of lightweight aggregate. After mining, the shale is crushed in a series of crushers before being fed to one of the two rotary lightweight aggregate kilns. The kilns are primarily fired with liquid hazardous waste from off-site sources. Norlite is also authorized to fire waste fuel A, waste fuel B, off- specification used oil, specification used oil, comparable fuels, #2 oil, #4 oil, #6 oil and natural gas in the kilns. The material exiting the kilns is called clinker. The clinker is first cooled in one of the two clinker coolers before being crushed to the desired product size. The final product is called lightweight aggregate. Pursuant to the Maximum Achievable Control Technology (MACT) for Hazardous Waste Combustors Rule promulgated by the United States Environmental Protection Agency (EPA), Norlite is required to conduct a CPT to demonstrate compliance with the air emission standards in the rule, specifically 40 CFR Part 63 Subpart EEE. Norlite has submitted a CPT plan that includes tests for the destruction and removal efficiency (DRE) of organic hazardous air pollutants and for air emissions of toxic metals, dioxin/furans and hydrochloric acid/chlorine while incinerating off-site waste oils and liquid hazardous wastes. The plan includes a performance evaluation (PE) for the continuous monitoring systems (CMSs) and for the Continuous Emissions Monitors (CEMs).

The DEC has determined the plan to be acceptable and, therefore, has approved it on July 9, 2015. This notice is pursuant to 40 CFR Part 63.1207(e)(2) which requires Norlite to publish this approval and make the plan available to the public for review.

Tentative Test Schedule: Scheduled Commencement Date – September 14, 2015
Scheduled Completion Date – September 18, 2015

DEC Contact: Ms. Nancy Baker, DEC Region 4 Office, 1130 North Westcott Road, Schenectady, New York 12306; Telephone (518)357-2072 or Ms. Denise Prunier, DEC, Division of Air Resources, 625 Broadway, Albany, New York 12233-3254; Telephone (518)408-5574.

Facility Contact: Mr. Prince Knight, Laboratory Manager, Tradebe Environmental Services/Norlite Corporation, 628 South Saratoga Street, Cohoes, New York 12047; Telephone (518)235-0401.

Document Availability: Copies of the CPT plan are available for review and copying at the DEC Region 4 Office, 1130 North Westcott Road, Schenectady, New York 12306; Telephone (518)357-2072 and at the DEC Headquarters at 625 Broadway in Albany; Telephone (518)408-5574. Copies of these plans are also available for public review at the Cohoes Public Library, 169 Mohawk Street in Cohoes. The test plan will be accessible through September 13, 2015.