

14 June 2010

Mr. Kevin Schmidt
VP of Operations
Aspen Aerogels, Inc.
3 Dexter Road
East Providence, RI 02914

Dear Mr. Schmidt:

The Department of Environmental Management, Office of Air Resources has reviewed and approved your request to install and operate a pilot thermal oxidizer from 15 June 2010 to 15 August 2010. The pilot oxidizer will operate in parallel to the existing TEC/KATEC Model No. 016060 recuperative thermal oxidizer (Approval No. 1891).

Enclosed is a minor source permit issued pursuant to our review of your application (Approval No. 2103). This approval is subject to the following conditions:

1. The temporary thermal oxidizer shall be a Megtech Cleanswitch 250-LT RTO.
2. The operating temperature of the temporary thermal oxidizer shall be maintained at or above 1600°F whenever VOC is being discharged to the device.
3. Aspen Aerogels, Inc. shall notify the Office of Air Resources, in writing, of the date of actual start-up of the Megtech pilot thermal oxidizer.
4. Aspen Aerogels, Inc. shall notify the Office of Air Resources, in writing, of the date of removal of the Megtech pilot thermal oxidizer.
5. Aspen Aerogels, Inc. shall maintain records of the date(s) and time(s) the Megtech pilot thermal oxidizer was in operation.
6. All activities shall be performed according to the representations of your application dated 3 June 2010.

This approval does not relieve Aspen Aerogels, Inc. from compliance with the terms and conditions of your minor source permit (Approval Nos. 1890-1893) and any applicable state and federal air pollution control rules and regulations.

If there are any questions concerning this approval, please contact me at 401-222-2808, extension 7020.

Sincerely,

Pamela E. Crump, EIT
Air Quality Specialist
Office of Air Resources

cc: Mike Feinblatt - ESS

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR RESOURCES

MINOR SOURCE PERMIT

ASPEN AEROGELS, INC.

APPROVAL NO. 2103

Pursuant to the provisions of Air Pollution Control Regulation No. 9, this minor source permit is issued to:

Aspen Aerogels, Inc.

For the following:

Installation of a temporary, pilot thermal oxidizer for testing purposes for control of emissions of VOCs from the production of aerogel blankets.

Located at: *3 Dexter Road, East Providence*

This permit shall be effective from the date of its issuance and shall remain in effect until revoked by or surrendered to the Department. This permit does not relieve *Aspen Aerogels, Inc.* from compliance with applicable state and federal air pollution control rules and regulations. The design, construction and operation of this equipment shall be subject to the attached permit conditions and emission limitations.

Douglas L. McVay, Acting Chief
Office of Air Resources

Date of Issuance