



## REGIONAL AIR POLLUTION CONTROL AGENCY

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August 23, 2012

### Certified Mail

Tom Brooks, President  
Surface Recovery Technologies, LLC  
833 Zapata Drive  
Fairborn, OH 45324

### NOTICE OF VIOLATION (Non-HPV)

Summary: Following review of various records and reports RAPCA believes there have been excessive periods of failure to maintain proper temperature in the afterburner controls of the bakeoff ovens as well as failure to maintain the proper recordkeeping, reporting, and investigation procedures when temperature and recordkeeping deviations occurred. Enforcement orders may be issued in the future to resolve these violations.

Dear Mr. Brooks:

This Notice of Violation (NOV) is in regards to the two burn-off ovens with afterburners [emissions units (EU) N001 and N002] that Surface Recovery Technology, LCC (SRT) owns and operates at its facility located at 833 Zapata Drive in Fairborn, Greene County, Ohio. The facility is identified by Ohio EPA facility ID 0829060604. A full compliance evaluation (FCE) was completed on June 11, 2012. Review of SRT's recent records has identified violations due to numerous temperature deviations from the minimum temperature required for the afterburners, as well as the failure to properly record, investigate, and document periods of afterburner temperature deviations.

### Afterburner Temperature Violations

Ohio EPA Permit to Install and Operate (PTIO) P0109434 was issued and effective for EU N001 on February 16, 2012. Ohio EPA PTIO P0106415 was issued and effective for EU N002 on June 23, 2010. Pursuant to the Monitoring and/or Recordkeeping Requirements contained in Part C, 1. d) (2) a. of the PTIOs for EU N001 and EU N002, "The secondary combustion chamber shall be operated so that the exit gas temperature from the chamber is, at a minimum, 1400 degrees Fahrenheit".

EU N001 operated below the minimum temperature requirement of 1400 degrees Fahrenheit on 14 dates from February 19, 2012 to May 6, 2012; and EU N002 operated below the minimum temperature requirement of 1400 degrees on five days from February 1, 2012 to February 7, 2012. In the RAPCA letter dated 12/7/11, SRT was previously notified of temperature deviations for units N001 and N002 and the issue has not been addressed. **The above noted operation of EU N001 and EU N002 without maintaining the minimum temperature of the secondary combustion chamber above 1400 degrees Fahrenheit is in violation of the terms and conditions of PTIO P0109434 and PTIO P0106415 respectively, and is in violation of Ohio Revised Code (OAC) 3704.05.**

### **Continuous Temperature Recorder Violations**

Pursuant to the Monitoring and/or Recordkeeping Requirements contained in Part C, 1. d) (3) of the PTIOs for EU N001 and EU N002, "The permittee shall properly install, operate, and maintain continuous temperature monitors and recorder(s) that measure and record the combustion temperature within the afterburner/secondary combustion chamber when the emissions unit is in operation."

On two dates (February 29, 2012 and May 4, 2012) EU N001 had missing or incomplete temperature data recorded while the emissions unit was in operation. On 27 dates (February 19, 2012 to May 6, 2012) EU N002 had no continuous temperature data recorded while the emissions unit was in operation. In the RAPCA letter dated 12/7/11, SRT was previously notified of recordkeeping deviations for units N001 and N002 and the issue has not been addressed. **The operation of EU N001 and EU N002 without maintaining continuous temperature monitors and recorders that measure and record the combustion temperature within the afterburner/secondary combustion chamber when the emissions unit is in operation is in violation of the terms and conditions of PTIO P0109434 and PTIO P0106415 respectively, and is in violation of OAC 3704.05.**

### **Investigation of Temperature Deviation Violations**

Pursuant to the Monitoring and/or Recordkeeping Requirements contained in Part C, 1. d(4) of the PTIOs for EU N001 and EU N002, "Whenever the monitored afterburner/secondary combustion chamber combustion temperature deviates from the limit established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation: the date and time the deviation began; the magnitude of the deviation at that time; the date the investigation was conducted; the name(s) of the personnel who conducted the investigation; and the findings and recommendations."

Pursuant to Part C 1.d)(5) of the PTIOs for EU N001 and EU N002, "In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the afterburner/secondary combustion chamber within the acceptable range/limit specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken: a description of the corrective action; the date corrective action was completed; the date and time the deviation ended; the total period of time (in minutes) during which there was a deviation; the temperature readings immediately after the corrective action was implemented; and the name(s) of the personnel who performed the work".

SRT has continued to operate EUs N001 and N002 while the actual afterburner temperature deviated from the required operating temperature and failed to meet the requirements to record the temperature on the various occasions noted above. SRT has failed to investigate the causes of the temperature deviations and failed to take prompt corrective action to bring the operation of the afterburner/secondary combustion chamber to within the acceptable range/limit of its operating permits. **Failure to investigate and take corrective action when the temperature of the afterburner controlling EU N001 and EU N002 is below 1400 degrees Fahrenheit is in violation of the terms and conditions of PTIO P0109434 and PTIO 0106415 respectively, and is in violation of OAC 3704.05.**

**Resolution**

RAPCA requires SRT to immediately begin operating the facility in accordance with the terms and conditions of the effective PTIOs. In order to resolve the violations cited above, SRT shall submit a compliance plan and schedule to RAPCA within **30 days** of receipt of this letter detailing their plans for achieving and demonstrating continuous compliance with the terms and conditions of the effective PTIOs. The compliance plan shall include, at a minimum, plans to address and eliminate the temperature deviations; assurance the afterburner/secondary combustion chamber combustion temperatures are being continuously monitored and recorded; as well as, the description of the prompt corrective actions to be taken should temperature deviations occur in the future, including the proper documentation of these events. Acceptance of the compliance action plan does not constitute a waiver of Ohio EPA's and RAPCA's authority to seek civil penalties as provided in section 3704.06 and 3707.49 of the Ohio Revised Code. The determination whether to pursue such penalties will be made by Ohio EPA and RAPCA at a later date.

If you have any question regarding this matter, please contact Jefferis R. Canan or me at (937) 225-4435.

Sincerely,



Jennifer S. Marsee  
Supervisor, Abatement Unit  
Regional Air Pollution Control Agency

Cc: John Paul, RAPCA  
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Michael Matis, PHDMC  
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