FEB 0 1 2013 32-0169

MLC/RMS
32-0169
#13968

VACUMET
A **SCHOLLE** COMPANY

Vacumet
Morristown Facility
5705 Commerce Boulevard
Morristown, TN 37814
(423) 586-5021

RECEIVED
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TN. DIV. OF
AIR POLLUTION CONTROL

January 22, 2013

Mr. Barry Stephens
Technical Secretary
Division of Air Pollution Control
Attn: Operating Permits Program
9th Floor, L&C Annex
401 Church Street
Nashville, TN 37243-1531

Dear Mr. Stephens,

Subject: Semi-Annual Report, October 1, 2012 through January 22, 2013

Attached is the Semi-Annual Report for Vacumet's Metallized Paper Division facility located at 5705 Commerce Boulevard, Morristown, TN as required under Air Pollution Permit # 559215 (issued on August 5, 2009 during this reporting period). The period covered by this report is October 1, 2012 through January 22, 2013.

No deviations were reported during this semiannual period.

On August 29, 2012, production at the facility stopped pending an economic recovery or sale of the facility. The facility is now formally closed (as of January 22, 2013).

If you have any additional questions about this notification or need additional information, please contact me at 423-585-3152.

Sincerely,

Keith Horvath
Facility Manager

KH/gcm

Enclosure (1)

cc: File

SEMIANNUAL REPORT

Air Permit # 559215-SM-PSD

VACUMET CORP., METALLIZED PAPER DIVISION

MORRISTOWN, TENNESSEE

October 1, 2012 through January 22, 2013
(Short Period due to Plant Closure)

Submitted to:

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL
9TH FLOOR, L&C ANNEX
401 CHURCH STREET
NASHVILLE, TN 37243-1531

Submitted by:

VACUMET CORP., METALLIZED PAPER DIVISION
5705 COMMERCE BOULEVARD
MORRISTOWN, TENNESSEE 37814

January 2013

SUMMARY

This semiannual compliance report and the information included in the report are submitted as required by the Air Permit # 559215-SM-PSD. Each condition within the permit that contains a requirement for recordkeeping, logging, or reporting on a semiannual basis has been checked and verified for compliance. Included with this report are summaries of those permit conditions requiring reporting through the semi-annual reporting.

As required in the air permit, compliance with the applicable requirements is included using operational data reported. This data includes material usage logs, emissions reports, semiannual reports, inspection logs, and maintenance logs. These logs, reports, and logs and appropriate certifications are attached to this report.

Deviations – No deviations were reported for the period from October 1, 2012 through January 22, 2013; none occurred.

Malfunctions – Malfunctions are reported and appropriately logged at the site. The log is available for inspection; a copy of the current period log is attached. With MACT no longer applicable to plant operations, we continue to log malfunctions as part of our overall control of operations.

Notice of Violation – No Notices of Violation were received by Vacumet during this reporting period from October 1, 2012 through January 22, 2013.

This semiannual report has been prepared in accordance with the conditions outlined in the air permit. Vacumet believes this report is complete and includes all relevant regulatory information required by the permit.

SEMIANNUAL REPORTING REQUIREMENTS

Reporting Period: October 1, 2012 through January 22, 2013

Reporting Date: January 22, 2013

The following are a brief description of the permit conditions that are addressed in this semiannual report.

E2(a): Requires Semi-Annual Reporting

This report meets that reporting requirement. The original permit dated August 5, 2009 indicated that the six month period from "September 1, 2009 to March 31, 2010" is the applicable reporting period. We discussed this with Sunanda Shajikumar in August 2009. She indicated that this was in error and the reporting period is through the end of September with the next period starting on October 1, 2009 and ending on March 31, 2010. We are now continuing with six month reports with reporting periods from October 1st through March 31st and April 1st through September 30th. In this section, Conditions for reporting are E3-5, E4-1, E4-3, E4-5, E4-9, E4-10 and E5-4 are the requirements for reporting in this semi-annual report.

The annual certification report is due for the period from April 1, 2012 through March 31, 2013. It is will be submitted in April 2013 (concurrently with this October 1, 2012 to March 31, 2013 report) as required to both TDEC and USEPA. Since the facility is now closed as of January 22, 2013, the report will be sent concurrently with this report in January 2013.

E3-2: Visible emissions opacity requirements (applies to all sources at the facility)

No opacity readings were required based on the opacity matrix decision tree in Attachment 1 of the permit.

E3-5: Emissions of Any Hazardous Air Pollutant Cannot Exceed 9.9 Tons

Please see attached Combined HAP Log (Usage). The amount used for the previous 12 months totals 0.00 tons HAP (includes all HAPs known to be used at the facility).

Note: The production operations at the Vacumet facility stopped on August 29, 2012 pending either economic recovery or sale. This is reflected in the data presented below. Vacumet continued staffing the facility on a very limited basis through January 2013 when the facility was closed. The facility is now formally closed so the data is very minimal concerning production operations that ended on August 29, 2012.

E4-1: VOC ton per year limit for Source 32-0169-01

Records required under condition E4-12 of the permit were maintained to demonstrate compliance with this requirement. A copy of these records for the reporting period is attached. The rolling amounts of VOC emissions after control for the period are:

Source 32-0169-01

Month/Year	Monthly VOC Emissions (tons)@96.96% Control	12- Month Rolling Total Amount of VOC's Emissions (tons)@96.96% Control
October 2012	0.00	4.43
November 2012	0.00	3.87
December 2012	0.00	3.69
January 2012	0.00	3.17
Plant Closed in January 2013		

Note – The most recent stack testing overall control efficiency was used for this reporting (96.96%)

The information related to coatings reflects data for "as supplied" coatings. This is updated monthly and reported through September 2012, the end of production operations at the facility. The facility is now closed – this coater has been removed from the facility along with the thermal oxidizer.

E4-3: Alternative operating scenario recordkeeping requirements for Source 32-0169-01

No production occurred at the facility during this reporting period. Production ceased at the facility on August 29, 2012. The coater and thermal oxidizer were removed from the facility in January 2013. The facility is now closed. No alternative operating scenario was used since production ceased.

E4-4: Low VOC coating requirements while under operating AOS #1 for source 32-0169-01

No production occurred at the facility during this reporting period. Production ceased at the facility on August 29, 2012. The coater and thermal oxidizer were removed from the facility in January 2013. The facility is now closed. No alternative operating scenario was used since production ceased.

E4-5 and E4-6: Recordkeeping for VOC's and HAP's requirements while operating under AOS #1 for Source 32-0169-01:

Records required under this condition will be maintained to demonstrate compliance with this requirement in the event AOS #1 is used. As stated in the permit, condition E4-5 only applies when operating under AOS #1.

It is noted that MEK is no longer a HAP and has been removed from all HAP calculations in this report. However, some reporting formats still include the MEK content.

No production occurred at the facility during this reporting period. Production ceased at the facility on

August 29, 2012. The coater and thermal oxidizer were removed from the facility in January 2013. The facility is now closed. No alternative operating scenario was used since production ceased.

E4-7: Control device requirements while operating under AOS #2 for Source 32-0169-01:

Records have been maintained under condition E4-9 to demonstrate compliance with this requirement. A copy of these records for the reporting period is attached. The thermal oxidizer was shut-down on August 29, 2012 when product ceased. The thermal oxidizer was removed from the site in January 2013. No temperature records are provided for this reporting period since the thermal oxidizer (and related coater) was not operated after the shut-down of production on August 29, 2012.

E4-8: Permanent Total Enclosure Meeting Requirements:

The Permanent Total Enclosure met requirements under Procedure #204 in 2006. No modifications have taken place since that testing except routine maintenance. With the shut-down of production on August 29, 2012, the coater was not used. The coater was removed from the facility in January 2013.

E4-9: Thermal incinerator requirements while operating under AOS #2 for Source 32-0169-01:

Records have been maintained under condition E4-9 to demonstrate compliance with this requirement. A copy of these records for the reporting period is attached. See the Malfunction Log maintained at the facility for details on the events (attached). The thermal oxidizer was not used after August 29, 2012 when production operations ceased. The thermal oxidizer was removed from the facility in January 2013.

E4-10: Recordkeeping requirements while operating under AOS #2 for Source 32-0169-01:

A copy of these records for the reporting period is attached.

Beginning with reporting for October 2005, the most current overall control efficiency is being used for calculation purposes. The most recent testing March 2006 indicated an overall control efficiency of 96.96%. This was implemented in reporting with emissions numbers for this coater moving upward slightly owing to the performance test result when compared to pre-March 2006 reporting.

The stack testing event conducted in 2005 resulted in a central chamber temperature finding of 1636°F as the baseline for reporting. During the period, the three (3) hour average temperature did not drop below this level.

Beginning with the April 2006 reporting, Methyl Ethyl Ketone was removed from consideration as a HAP. This is consistent with federal and state regulation removing Methyl Ethyl Ketone from the listing of HAPs. However, some reporting formats still include the MEK content.

No thermal oxidizer temperature records are presented in this report. The thermal oxidizer was shut down on August 29, 2012 when production operations ceased. The thermal oxidizer was removed from the facility in January 2013 (along with the related coater). Any temperature record would report ambient temperature only.

E-5-1: VOC ton per year limit for Source 32-0169-04:

Records have been maintained under permit requirement E5-4 to demonstrate compliance with this condition. A copy of this record for the reporting period is attached. The rolling amounts of VOC emissions after control for the period are:

Source 32-0169-04

Month/Year	Monthly VOC Emissions (tons)	12- Month Rolling Total Amount of VOC's Emissions (tons)

Month/Year	Monthly VOC Emissions (tons)	12- Month Rolling Total Amount of VOC's Emissions (tons)
October 2012	0.00	2.30
November 2012	0.00	2.06
December 2012	0.00	1.95
January 2013	0.00	1.67
Plant closed, January 2013		

E5-2: VOC limit for coating for Source 32-0169-04:

Records have been maintained under permit requirement E5-3 to demonstrate compliance with this condition. A copy of this record for the reporting period is attached. See table above for further information.

No new coatings were introduced into operations. The attached listing of coating information is current for operations from October 1, 2012 through January 22, 2013.

No deviations were reported during this semiannual period from October 1, 2012 through January 22, 2013.

E5-4: VOC and HAP recordkeeping requirement:

A copy of these records is attached.

Both methyl methacrylate and glycol ethers (both HAPs) are incorporated into this report as well as formaldehyde through the renewal permit requirement.

Total VOC emissions from the facility (summation of VOC emissions from Sources 32-0169-01 and 32-0169-04 are:

Summed Emissions from Source 32-0169-01 and Source 32-0169-04

	Monthly Emissions Summary			12 Month Emissions Summary		
Month/Year	Source 32-0169-01 (tons)	Source 32-0169-04 (tons)	VOC Emissions Both Sources (tons)	Source 32-0169-01 (tons)	Source 32-0169-04 (tons)	VOC's Emissions Both Sources (tons)
October 2012	0.00	0.00	0.00	4.43	2.30	
November 2012	0.00	0.00	0.00	3.87	2.06	
December 2012	0.00	0.00	0.00	3.69	1.95	
January 2013	0.00	0.00	0.00	3.17	1.67	
Plant closed, January 2013						

I certify based on information and belief formed after reasonable inquiry, the statements and information is this document are true, accurate, and complete.

Keith Horvath, Facility Manager
Name and Title of Responsible Official

423-585-3152
Telephone Number with Area Code

Signature of Responsible Official

1/22/13
Date of Signature

VOC AND HAP EMISSION "AS SUPPLIED" LOG

PERMIT CONDITION E3-3

VOC/HAP/WATER & EXEMPT COMPOUND CONTENT LOG FOR SOURCES 32-0169-01 & 32-0169-04 (E3-3)

MATERIAL NAME	MATERIAL DENSITY (pounds MATERIAL per gallon)	VOC CONTENT (pounds VOC per gallon)	WATER & EXEMPT COMPOUND % (% by volume)	(column was formerly used for Methyl Ethyl Ketone CONTENT)	Toluene CONTENT (pounds HAP_2 per gallon)	Methyl Methacrylate CONTENT (pounds HAP_3 per gallon)	Glycol Ether* CONTENT (pounds HAP_4 per gallon)	Formaldehyde CONTENT (pounds HAP_5 per gallon)	TOTAL HAP CONTENT (pounds HAP_1 thru HAP_F per gallon)
DP2000	8.32	0.01	74.39	MEK	0.00	0.00	0.00	0.00	0.00
E4	8.70	0.25	64.00	is no longer	0.00	0.00	0.00	0.00	0.00
E7	8.60	0.32	63.92	a HAP	0.00	0.00	0.00	0.00	0.00
E7-D	7.10	0.00	0.00		0.00	0.00	0.00	0.00	0.00
E8	8.60	0.32	63.92		0.00	0.00	0.00	0.00	0.00
E9	8.51	0.00	73.00		0.00	0.00	0.00	0.00	0.00
E10	8.70	0.05	66.74		0.00	0.00	0.00	0.00	0.00
E11	8.70	1.07	77.20		0.00	0.00	0.00	0.00	0.00
E16	6.50	5.20	0.00		0.00	0.00	0.00	0.00	0.00
E25	8.60	0.30	59.50		0.00	0.00	0.00	0.00	0.00
E25-D	7.00	3.50	0.00		0.00	0.00	0.00	0.00	0.00
E31	7.66	4.62	0.00		0.01	0.00	0.00	0.00	0.01
E37	7.21	5.74	0.00		0.00	0.00	0.00	0.00	0.00
E40	8.60	0.05	61.35		0.00	0.00	0.00	0.00	0.00
E40G	8.60	0.05	61.35		0.00	0.00	0.00	0.00	0.00
E40G-O	9.84	0.05	65.77		0.00	0.00	0.02	0.00	0.02
E40G-Y	9.30	0.04	62.41		0.00	0.00	0.02	0.00	0.02
E42	8.60	0.13	57.00		0.00	0.00	0.00	0.00	0.00
E42-D	7.01	3.50	0.00		0.00	0.00	0.00	0.00	0.00
E43	7.32	5.40	0.00		0.00	0.00	0.00	0.00	0.00
E49	8.09	2.85	43.27		0.00	0.00	0.00	0.00	0.00
E50-W	8.18	0.72	60.45		0.00	0.00	0.00	0.00	0.00
E50-C	8.87	0.09	50.00		0.00	0.001	0.00	0.00	0.001
E51	8.24	0.85	63.59		0.00	0.00	0.00	0.00	0.00
E52	8.33	0.97	69.04		0.00	0.00	0.00	0.00	0.00
E62	7.87	6.53	0.00		0.00	0.00	0.00	0.00	0.00
E63	8.51	0.00	73.00		0.00	0.00	0.00	0.00	0.00
E67	8.60	0.09	45.00		0.00	0.00	0.00	0.00	0.00
E126	8.60	0.09	45.00		0.00	0.00	0.00	0.00	0.00
E149	8.60	0.00	47.00		0.00	0.00	0.00	0.00	0.00
GC36700257	8.44	0.25	57.91		0.00	0.00	0.00	0.00	0.00
6111	8.09	2.85	43.27		0.00	0.00	0.00	0.00	0.00
6112	8.10	2.19	26.96		0.00	0.00	0.00	0.00	0.00
6433	7.86	6.21	0.00		0.00	0.00	0.00	0.00	0.00
6454	7.70	6.15	0.02		0.00	0.00	0.00	0.00	0.00
6603	7.87	6.21	0.00		0.00	0.00	0.00	0.00	0.00

Coating Initial Date of Use		Coating Initial Date of Use		Coating Initial Date of Use
E50	June-05	E62	October-09	
E4/E126	August-05	E49	November-09	
DP2000	January-06	Sep-16	Nov-09	
E9 (Q133)	June-07	C63	Feb-10	
Q149	June-08, Updated Mar-03	C67	Mar-10	
6433(ND2)	June-08	6111	Mar-10	
6454(RD6)	July-08	(Both C67 & 6111 on machine April 2010)		
GC36700267	May-09	6603	May-12	

Coating Formula Revised Date	
E31	February-05
E37	May-05
E10	January-06

Note: This table must be updated within 90 days of using a new coating formulation.

* Glycol Ether refers to Diethylene Glycol Monoethyl Ether

TOTAL HAP USAGE

PERMIT CONDITION E3-5

Combined HAP Log (Usage)
(Facility-wide Log -- See condition E3-5 of Permit # 559215)

Single HAP Log — MONTH AND YEAR: January 2013

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: February 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: March 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: April 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: May 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: June 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: July 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log — MONTH AND YEAR: August 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months

Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log

MONTH AND YEAR: September 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log

MONTH AND YEAR: October 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log

MONTH AND YEAR: November 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Single HAP Log

MONTH AND YEAR: December 2012

HAP Name	Source 01 (Faustel)	Source 04 Magnagraphics	From Cleanup Solvents	Total HAPs (tons/month)	Each HAP for Rolling 12 Months
Toluene	0.00	0.00	0.00	0.00	0.00
Glycol Ethers	0.00	0.00	0.00	0.00	0.00
Methyl Methacrylate	0.00	0.00	0.00	0.00	0.00
Formaldehyde	0.00	0.00	0.00	0.00	0.00
Totals	0.00	0.00	0.00	0.00	0.00

Combined HAP Log

	Source 01 - Combined HAP	Source 04 - Combined HAPs	Clean Up Solvents -- Combined HAPs	Total HAP Emissions from Facility (tons/month)	Total HAP Emissions for Rolling 12 Month
MONTH AND YEAR: January 2013	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: February 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: March 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: April 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: May 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: June 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: July 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: August 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: September 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: October 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: November 2012	0.00	0.00	0.00	0.00	0.00
MONTH AND YEAR: December 2012	0.00	0.00	0.00	0.00	0.00

TOTAL EMISSIONS (FAUSTEL COATER)

PERMIT CONDITION E4-1

YEARLY VOC/HAP EMISSIONS LOG FOR SOURCE 32-0169-01

See Condition E4-1 of Permit # 559215)

MONTH/YEAR	VOC EMISSIONS (tons VOC per month)	(*)VOC EMISSIONS (tons VOC per 12 months)	(**)TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)	(**) HAP Emissions (tons HAP per 12 months)	Number of Months Summed
Apr-10	0.34	8.79	0.000	0.007	12
May-10	0.32	6.23	0.000	0.004	12
Jun-10	0.36	4.74	0.000	0.002	12
Jul-10	0.50	2.54	0.000	0.000	12
Aug-10	0.41	2.87	0.000	0.000	12
Sep-10	0.55	3.29	0.000	0.000	12
Oct-10	0.53	3.61	0.000	0.000	12
Nov-10	0.49	4.04	0.000	0.000	12
Dec-10	0.87	4.91	0.000	0.000	12
Jan-11	1.99	6.83	0.000	0.000	12
Feb-11	0.47	7.19	0.000	0.000	12
Mar-11	0.69	7.52	0.000	0.000	12
Apr-11	0.52	7.70	0.000	0.000	12
May-11	0.41	7.79	0.000	0.000	12
Jun-11	0.39	7.82	0.000	0.000	12
Jul-11	0.27	7.59	0.000	0.000	12
Aug-11	0.00	7.18	0.000	0.000	12
Sep-11	0.57	7.20	0.000	0.000	12
Oct-11	0.54	7.21	0.000	0.000	12
Nov-11	0.56	7.28	0.000	0.000	12
Dec-11	0.18	6.59	0.000	0.000	12
Jan-12	0.52	5.12	0.000	0.000	12
Feb-12	0.41	5.06	0.000	0.000	12
Mar-12	0.49	4.86	0.000	0.000	12
Apr-12	0.56	4.90	0.000	0.000	12
May-12	0.60	5.09	0.000	0.000	12
Jun-12	0.43	5.13	0.000	0.000	12
Jul-12	0.40	5.26	0.000	0.000	12
Aug-12	0.28	5.54	0.000	0.000	12
Sep-12	0.00	4.97	0.000	0.000	12
Oct-12	0.00	4.43	0.000	0.000	12
Nov-12	0.00	3.87	0.000	0.000	12
Dec-12	0.00	3.69	0.000	0.000	12
Jan-13	0.00	3.17	0.000	0.000	12
Feb-13	Plant closed,				
Mar-13	January 2013				

(*) The Tons per 12 Month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed. If data is not available for the 11 months preceding the initial use of this log, this value will be equal to the value for tons per month. For the second month, it will be the sum of the first month and the second month. Indicate in parentheses the number of months summed, that is, 6 (2) represents 6 tons emitted in 2 months.

(**) These values are added together only for the Fee Accounting Period, which begins on July 1 of any given calendar year and ends on June 30 of the next calendar year.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT (AOS #1)

SOURCE 32-0169-01

MONTH AND YEAR: October 2012 AOS #1 Used: YES [ ] NO [XX]

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMISSIONS (tons MEK per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
C31										
C25										
$Coating_3$										
$Coating_i$										
$Thinner/Solvent_1$										
$Thinner/Solvent_2$										
$Thinner/Solvent_3$										
$Thinner/Solvent_q$										
SUBTOTALS										
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):										

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP_1 CONTENT (pounds HAP_1 per gallon)	HAP_1 EMISSIONS (tons HAP_1 per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
$Material_1$										
$Material_2$										
$Material_3$										
$Material_i$										
SUBTOTALS										
TOTALS										

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: October 2012

Mixture	Usage (lbs per month)
C4	
C7	
C16	
C25	
C31	
C37	
C43	
C51	
C9	0
6111	
6433	0
6454	
C62	
Cleanup (MEK)	
Cleanup (EA)	0

VOC Emissions
0.00 Tons

COATING MATERIALS, LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	CONTROL EFFICIENCY (%)	VOC EMITTED (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMITTED (tons MEK per month)	TOLUENE CONTENT (pounds Toluene per gallon)	TOLUENE EMITTED (tons Toluene per month)	TOTAL HAP EMITTED (tons HAP_i thru HAP_p per month)
E31				4.62	96.96%	0.00	4.60	0.00	0.02	0.00	0.00
MEK				6.71	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
Ethyl Acetate	0			7.51	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
E16				5.20	96.96%	0.00	4.33	0.00	0.00	0.00	0.00
E4				0.25	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E7				0.32	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
IPA				6.55	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25				0.30	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25-D				3.50	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E43				5.40	96.96%	0.00	5.38	0.00	0.00	0.00	0.00
E51				0.85	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E9	0			0.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6111				6.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6433	0			6.21	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6454				6.15	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E62				6.53	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E37				5.66	96.96%	0.00	4.84	0.00	0.00	0.00	0.00
TOTALS:						0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different materials; and
p = 1, 2, 3... m = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT (AOS #1)

SOURCE 32-0169-01

MONTH AND YEAR: November 2012 AOS #1 Used: YES [ ] NO [XX]

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMISSIONS (tons MEK per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
C31										
C25										
$Coating_3$										
$Coating_i$										
$Thinner/Solvent_1$										
$Thinner/Solvent_2$										
$Thinner/Solvent_3$										
$Thinner/Solvent_q$										
SUBTOTALS										
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):										

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP_1 CONTENT (pounds HAP_1 per gallon)	HAP_1 EMISSIONS (tons HAP_1 per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
$Material_1$										
$Material_2$										
$Material_3$										
$Material_i$										
SUBTOTALS										
TOTALS:										

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: November 2012

Mixture	Usage (lbs per month)
C4	
C7	
C16	
C25	
C31	
C37	
C43	
C51	
C9	
6111	
6433	
6454	
C62	
Cleanup (MEK)	
Cleanup (EA)	

VOC Emissions
0.00 Tons

COATING MATERIALS, LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.											
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	CONTROL EFFICIENCY (%)	VOC EMITTED (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMITTED (tons MEK per month)	TOLUENE CONTENT (pounds Toluene per gallon)	TOLUENE EMITTED (tons Toluene per month)	TOTAL HAP EMITTED (tons HAP$_i$ thru HAP$_p$ per month)
E31				4.62	96.96%	0.00	4.60	0.00	0.02	0.00	0.00
MEK				6.71	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
Ethyl Acetate				7.51	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
E16				5.20	96.96%	0.00	4.33	0.00	0.00	0.00	0.00
E4				0.25	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E7				0.32	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
IPA				6.55	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25				0.30	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25-D				3.50	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E43				5.40	96.96%	0.00	5.38	0.00	0.00	0.00	0.00
E51				0.85	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E9				0.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6111				6.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6433				6.21	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6454				6.15	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E62				6.53	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E37				5.66	96.96%	0.00	4.84	0.00	0.00	0.00	0.00
TOTALS:						0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different materials; and
p = 1, 2, 3... m = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT (AOS #1)

SOURCE 32-0169-01

MONTH AND YEAR: December 2012 AOS #1 Used: YES [ ] NO [XX]

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMISSIONS (tons MEK per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
C31										
C25										
$Coating_3$										
$Coating_i$										
$Thinner/Solvent_1$										
$Thinner/Solvent_2$										
$Thinner/Solvent_3$										
$Thinner/Solvent_q$										
SUBTOTALS										
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):										

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP_1 CONTENT (pounds HAP_1 per gallon)	HAP_1 EMISSIONS (tons HAP_1 per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
$Material_1$										
$Material_2$										
$Material_3$										
$Material_i$										
SUBTOTALS										
TOTALS:										

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01
MONTH AND YEAR: December 2012

Mixture	Usage (lbs per month)
C4	
C7	
C16	
C25	
C31	
C37	
C43	
C51	
C9	
6111	
6433	
6454	
C62	
Cleanup (MEK)	
Cleanup (EA)	

VOC Emissions
0.00 Tons

COATING MATERIALS, LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.											
MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	CONTROL EFFICIENCY (%)	VOC EMITTED (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMITTED (tons MEK per month)	TOLUENE CONTENT (pounds Toluene per gallon)	TOLUENE EMITTED (tons Toluene per month)	TOTAL HAP EMITTED (tons HAP $_i$ thru HAP $_p$ per month)
E31				4.62	96.96%	0.00	4.60	0.00	0.02	0.00	0.00
MEK				6.71	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
Ethyl Acetate				7.51	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
E16				5.20	96.96%	0.00	4.33	0.00	0.00	0.00	0.00
E4				0.25	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E7				0.32	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
IPA				6.55	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25				0.30	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25-D				3.50	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E43				5.40	96.96%	0.00	5.38	0.00	0.00	0.00	0.00
E51				0.85	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E9				0.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6111				6.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6433				6.21	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6454				6.15	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E62				6.53	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E37				5.66	96.96%	0.00	4.84	0.00	0.00	0.00	0.00
TOTALS:						0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different materials; and
p = 1, 2, 3... m = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 1: COATING OPERATIONS WITH MONTHLY WEIGHTED AVERAGING OF THE VOC CONTENT (AOS #1)

SOURCE 32-0169-01

MONTH AND YEAR: January 2013 AOS #1 Used: YES [ ] NO [XX]

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMISSIONS (tons MEK per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
C31										
C25										
$Coating_3$										
$Coating_i$										
$Thinner/Solvent_1$										
$Thinner/Solvent_2$										
$Thinner/Solvent_3$										
$Thinner/Solvent_q$										
SUBTOTALS										
MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):										

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP_1 CONTENT (pounds HAP_1 per gallon)	HAP_1 EMISSIONS (tons HAP_1 per month)	HAP_p CONTENT (pounds HAP_p per gallon)	HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_p per month)
$Material_1$										
$Material_2$										
$Material_3$										
$Material_i$										
SUBTOTALS										
TOTALS:										

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 2: COATING OPERATIONS WITH THE USE OF A CAPTURE SYSTEM AND CONTROL DEVICE (AOS #2)

SOURCE 32-0169-01

MONTH AND YEAR: January 2013

Mixture	Usage (lbs per month)
C4	
C7	
C16	
C25	
C31	
C37	
C43	
C51	
C9	0
6111	0
6433	0
6454	0
C62	
Cleanup (MEK)	
Cleanup (EA)	0

VOC Emissions

0.00 Tons

COATING MATERIALS, LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	CONTROL EFFICIENCY (%)	VOC EMITTED (tons VOC per month)	MEK CONTENT (pounds MEK per gallon)	MEK EMITTED (tons MEK per month)	TOLUENE CONTENT (pounds Toluene per gallon)	TOLUENE EMITTED (tons Toluene per month)	TOTAL HAP EMITTED (tons HAP$_i$ thru HAP$_p$ per month)
E31				3.78	96.96%	0.00	3.77	0.00	0.01	0.00	0.00
MEK				6.71	96.96%	0.00	6.71	0.00	0.00	0.00	0.00
Ethyl Acetate				7.51	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E16				5.20	96.96%	0.00	4.33	0.00	0.00	0.00	0.00
E4				0.25	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E7				0.32	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
IPA				6.55	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25				0.30	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E25-D				3.50	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E43				5.40	96.96%	0.00	5.38	0.00	0.00	0.00	0.00
E51				0.85	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E9				0.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6111				6.00	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6433				6.21	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
6454				6.21	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E62				2.85	96.96%	0.00	0.00	0.00	0.00	0.00	0.00
E37				5.66	96.96%	0.00	4.84	0.00	0.00	0.00	0.00
TOTALS:	0					0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different materials; and

p = 1, 2, 3... m = the number of different hazardous air pollutants.

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

ALTERNATE OPERATING SCENARIO LOG

PERMIT CONDITION E4-3

ALTERNATIVE OPERATING SCENARIO LOG FOR SOURCE 32-0169-01

DATE	TIME	SWITCHED TO AOS #1: Use of monthly weighted averaging.	SWITCHED TO AOS #2: Use of capture system and control device.
4/1/02 through 9/30/02		Not Used	Used this Scenario only
10/1/02 through 3/31/03		Not Used	Used this Scenario only
4/1/03 through 9/30/03		Not Used	Used this Scenario only
10/1/03 through 3/31/04		Not Used	Used this Scenario only
4/1/04 through 9/30/04		Not Used	Used this Scenario only
10/1/04 through 3/31/05		Not Used	Used this Scenario only
4/1/05 through 9/30/05		Not Used	Used this Scenario only
10/1/05 through 3/31/06		Not Used	Used this Scenario only
4/1/06 through 9/30/06		Not Used	Used this Scenario only
10/1/06 thorough 3/31/07		Not Used	Used this Scenario only
4/1/07 through 9/30/07		Not Used	Used this Scenario only
10/1/07 through 3/31/08		Not Used	Used this Scenario only
4/1/08 through 3/31/09		Not Used	Used this Scenario only
4/1/09 through 9/30/09		Not Used	Used this Scenario only
10/1/09 through 3/31/10		Not Used	Used this Scenario only
4/1/10 through 9/30/10		Not Used	Used this Scenario only
10/1/10 through 3/31/10		Not Used	Used this Scenario only
4/1/11 through 9/30/11		Not Used	Used this Scenario only
10/1/11 through 3/31/11		Not Used	Used this Scenario only
4/1/12 through 9/30/12		Not Used	Used this Scenario only
10/1/12 through 1/22/13		Not Used	No Operations During Period, Not Used
			Plant closed, January 2013

MONTHLY INCINERATOR LOG

PERMIT CONDITION E4-3

Faustel Coater -- Source # 32-0169-01; AOS Scenario Log
(See Condition E4-3 in Permit # 559215)

Monthly Operation Times

Month	Days of Compliant Coatings	Days of Non-Compliant Coatings, Incinerator On, & Enclosures in Place	Days of Month	Days of Operation
Oct-12	0	0	31	0
Nov-12	0	0	30	0
Dec-12	0	0	31	0
Jan-13	0	0	31	0
Feb-13		Plant Closed -- January 2013	28	
Mar-13			31	

Daily Operation Times

Date	Compliant Coatings AOS #1	Non-Compliant Coatings, Incinerator On, & Enclosures in Place AOS #2	Date	Compliant Coatings AOS #1	Non-Compliant Coatings, Incinerator On, & Enclosures in Place AOS #2	Date	Compliant Coatings AOS #1	Non-Compliant Coatings, Incinerator On, & Enclosures in Place AOS #2
10/01/12	N/A	Thermal Oxidizer Shut Down	12/01/12	N/A	Thermal Oxidizer Shut Down	02/01/13		
10/02/12	N/A	Thermal Oxidizer Shut Down	12/02/12	N/A	Thermal Oxidizer Shut Down	02/02/13		
10/03/12	N/A	Thermal Oxidizer Shut Down	12/03/12	N/A	Thermal Oxidizer Shut Down	02/03/13		
10/04/12	N/A	Thermal Oxidizer Shut Down	12/04/12	N/A	Thermal Oxidizer Shut Down	02/04/13		
10/05/12	N/A	Thermal Oxidizer Shut Down	12/05/12	N/A	Thermal Oxidizer Shut Down	02/05/13		
10/06/12	N/A	Thermal Oxidizer Shut Down	12/06/12	N/A	Thermal Oxidizer Shut Down	02/06/13		
10/07/12	N/A	Thermal Oxidizer Shut Down	12/07/12	N/A	Thermal Oxidizer Shut Down	02/07/13		
10/08/12	N/A	Thermal Oxidizer Shut Down	12/08/12	N/A	Thermal Oxidizer Shut Down	02/08/13		
10/09/12	N/A	Thermal Oxidizer Shut Down	12/09/12	N/A	Thermal Oxidizer Shut Down	02/09/13		
10/10/12	N/A	Thermal Oxidizer Shut Down	12/10/12	N/A	Thermal Oxidizer Shut Down	02/10/13		
10/11/12	N/A	Thermal Oxidizer Shut Down	12/11/12	N/A	Thermal Oxidizer Shut Down	02/11/13		
10/12/12	N/A	Thermal Oxidizer Shut Down	12/12/12	N/A	Thermal Oxidizer Shut Down	02/12/13		
10/13/12	N/A	Thermal Oxidizer Shut Down	12/13/12	N/A	Thermal Oxidizer Shut Down	02/13/13		
10/14/12	N/A	Thermal Oxidizer Shut Down	12/14/12	N/A	Thermal Oxidizer Shut Down	02/14/13		
10/15/12	N/A	Thermal Oxidizer Shut Down	12/15/12	N/A	Thermal Oxidizer Shut Down	02/15/13		
10/16/12	N/A	Thermal Oxidizer Shut Down	12/16/12	N/A	Thermal Oxidizer Shut Down	02/16/13		
10/17/12	N/A	Thermal Oxidizer Shut Down	12/17/12	N/A	Thermal Oxidizer Shut Down	02/17/13		
10/18/12	N/A	Thermal Oxidizer Shut Down	12/18/12	N/A	Thermal Oxidizer Shut Down	02/18/13		
10/19/12	N/A	Thermal Oxidizer Shut Down	12/19/12	N/A	Thermal Oxidizer Shut Down	02/19/13		
10/20/12	N/A	Thermal Oxidizer Shut Down	12/20/12	N/A	Thermal Oxidizer Shut Down	02/20/13		
10/21/12	N/A	Thermal Oxidizer Shut Down	12/21/12	N/A	Thermal Oxidizer Shut Down	02/21/13		
10/22/12	N/A	Thermal Oxidizer Shut Down	12/22/12	N/A	Thermal Oxidizer Shut Down	02/22/13		
10/23/12	N/A	Thermal Oxidizer Shut Down	12/23/12	N/A	Thermal Oxidizer Shut Down	02/23/13		
10/24/12	N/A	Thermal Oxidizer Shut Down	12/24/12	N/A	Thermal Oxidizer Shut Down	02/24/13		
10/25/12	N/A	Thermal Oxidizer Shut Down	12/25/12	N/A	Thermal Oxidizer Shut Down	02/25/13		
10/26/12	N/A	Thermal Oxidizer Shut Down	12/26/12	N/A	Thermal Oxidizer Shut Down	02/26/13		
10/27/12	N/A	Thermal Oxidizer Shut Down	12/27/12	N/A	Thermal Oxidizer Shut Down	02/27/13		
10/28/12	N/A	Thermal Oxidizer Shut Down	12/28/12	N/A	Thermal Oxidizer Shut Down	02/28/13		
10/29/12	N/A	Thermal Oxidizer Shut Down	12/29/12	N/A	Thermal Oxidizer Shut Down	03/01/13		
10/30/12	N/A	Thermal Oxidizer Shut Down	12/30/12	N/A	Thermal Oxidizer Shut Down	03/02/13		
10/31/12	N/A	Thermal Oxidizer Shut Down	12/31/12	N/A	Thermal Oxidizer Shut Down	03/03/13		
11/01/12	N/A	Thermal Oxidizer Shut Down	01/01/13	N/A	Thermal Oxidizer Shut Down	03/04/13		
11/02/12	N/A	Thermal Oxidizer Shut Down	01/02/13	N/A	Thermal Oxidizer Shut Down	03/05/13		
11/03/12	N/A	Thermal Oxidizer Shut Down	01/03/13	N/A	Thermal Oxidizer Shut Down	03/06/13		
11/04/12	N/A	Thermal Oxidizer Shut Down	01/04/13	N/A	Thermal Oxidizer Shut Down	03/07/13		
11/05/12	N/A	Thermal Oxidizer Shut Down	01/05/13	N/A	Thermal Oxidizer Shut Down	03/08/13		
11/06/12	N/A	Thermal Oxidizer Shut Down	01/06/13	N/A	Thermal Oxidizer Shut Down	03/09/13		
11/07/12	N/A	Thermal Oxidizer Shut Down	01/07/13	N/A	Thermal Oxidizer Shut Down	03/10/13		
11/08/12	N/A	Thermal Oxidizer Shut Down	01/08/13	N/A	Thermal Oxidizer Shut Down	03/11/13		
11/09/12	N/A	Thermal Oxidizer Shut Down	01/09/13	N/A	Thermal Oxidizer Shut Down	03/12/13		
11/10/12	N/A	Thermal Oxidizer Shut Down	01/10/13	N/A	Thermal Oxidizer Shut Down	03/13/13		
11/11/12	N/A	Thermal Oxidizer Shut Down	01/11/13	N/A	Thermal Oxidizer Shut Down	03/14/13		
11/12/12	N/A	Thermal Oxidizer Shut Down	01/12/13	N/A	Thermal Oxidizer Shut Down	03/15/13		
11/13/12	N/A	Thermal Oxidizer Shut Down	01/13/13	N/A	Thermal Oxidizer Shut Down	03/16/13		
11/14/12	N/A	Thermal Oxidizer Shut Down	01/14/13	N/A	Thermal Oxidizer Shut Down	03/17/13		
11/15/12	N/A	Thermal Oxidizer Shut Down	01/15/13	N/A	Thermal Oxidizer Removed	03/18/13		
11/16/12	N/A	Thermal Oxidizer Shut Down	01/16/13		Thermal Oxidizer Removed	03/19/13		
11/17/12	N/A	Thermal Oxidizer Shut Down	01/17/13			03/20/13		
11/18/12	N/A	Thermal Oxidizer Shut Down	01/18/13			03/21/13		
11/19/12	N/A	Thermal Oxidizer Shut Down	01/19/13			03/22/13		
11/20/12	N/A	Thermal Oxidizer Shut Down	01/20/13			03/23/13		
11/21/12	N/A	Thermal Oxidizer Shut Down	01/21/13			03/24/13		
11/22/12	N/A	Thermal Oxidizer Shut Down	01/22/13			03/25/13		
11/23/12	N/A	Thermal Oxidizer Shut Down	01/23/13			03/26/13		
11/24/12	N/A	Thermal Oxidizer Shut Down	01/24/13			03/27/13		
11/25/12	N/A	Thermal Oxidizer Shut Down	01/25/13			03/28/13		
11/26/12	N/A	Thermal Oxidizer Shut Down	01/26/13			03/29/13		
11/27/12	N/A	Thermal Oxidizer Shut Down	01/27/13			03/30/13		
11/28/12	N/A	Thermal Oxidizer Shut Down	01/28/13			03/31/13		
11/29/12	N/A	Thermal Oxidizer Shut Down	01/29/13			04/01/13		
11/30/12	N/A	Thermal Oxidizer Shut Down	01/30/13					
			01/31/13					

Note -- Yes* indicates the thermal oxidizer was operating but no coating activity was conducted.

MAINTENANCE LOG

PERMIT CONDITION E4-3

Thermal Oxidizer Maintenance Activity -- October 1, 2012 through March 31, 2013						
WO Number	Service	Description	Status	Requested	Issued	Completed
No Operations using this device occurred after 8/29/12						
Thermal Oxidizer Formally Shutdown on 8/29/12						
Thermal Oxidizer Removed from Site on 1/15/13						

THERMAL OXIDIZER TEMPERATURE LOG

PERMIT CONDITION E4-3

No temperature data is provided for the period from October 1, 2012 through January 22, 2013. The thermal oxidizer was shut down on August 29, 2012 and not restarted. The thermal oxidizer and related coater were removed in January 2013 from the facility without restarting after the August 29, 2012 shut-down.

ANNUALLIZED VOC EMISSIONS

PERMIT CONDITION E5-1

LOG 4 -- YEARLY VOC/HAP EMISSIONS LOG FOR SOURCE 32-0169-04

MONTH/YEAR	VOC EMISSIONS (tons VOC per month)	(*)VOC EMISSIONS (tons VOC per 12 months)	(**)TOTAL HAP EMISSIONS (tons HAP1 thru HAPp per month)	(**) HAP Emissions (tons HAP per 12 months)	Number of Months Summed
Apr-10	0.06	26.90	0.00	0.00	12
May-10	0.05	20.33	0.00	0.00	12
Jun-10	0.42	12.60	0.00	0.00	12
Jul-10	0.08	3.01	0.00	0.00	12
Aug-10	0.08	2.59	0.00	0.00	12
Sep-10	0.08	1.89	0.00	0.00	12
Oct-10	0.42	1.65	0.00	0.00	12
Nov-10	0.07	1.49	0.00	0.00	12
Dec-10	0.02	1.51	0.00	0.00	12
Jan-11	0.14	1.63	0.00	0.00	12
Feb-11	0.29	1.90	0.00	0.00	12
Mar-11	0.29	2.00	0.00	0.00	12
Apr-11	0.24	2.18	0.00	0.00	12
May-11	0.24	2.37	0.00	0.00	12
Jun-11	0.16	2.11	0.00	0.00	12
Jul-11	0.17	2.20	0.00	0.00	12
Aug-11	0.10	2.22	0.00	0.00	12
Sep-11	0.22	2.36	0.00	0.00	12
Oct-11	0.21	2.15	0.00	0.00	12
Nov-11	0.24	2.32	0.00	0.00	12
Dec-11	0.11	2.41	0.00	0.00	12
Jan-12	0.28	2.55	0.00	0.00	12
Feb-12	0.26	2.52	0.00	0.00	12
Mar-12	0.30	2.53	0.00	0.00	12
Apr-12	0.28	2.57	0.00	0.00	12
May-12	0.23	2.56	0.00	0.00	12
Jun-12	0.26	2.66	0.00	0.00	12
Jul-12	0.14	2.63	0.00	0.00	12
Aug-12	0.20	2.73	0.00	0.00	12
Sep-12	0.00	2.51	0.00	0.00	12
Oct-12	0.00	2.30	0.00	0.00	12
Nov-12	0.00	2.06	0.00	0.00	12
Dec-12	0.00	1.95	0.00	0.00	12
Jan-13	0.00	1.67	0.00	0.00	12
Feb-13	Plant Closed				
Mar-13	January 2013				

(*) The Tons per 12 Month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed. If data is not available for the 11 months preceding the initial use of this log, this value will be equal to the value for tons per month. For the second month, it will be the sum of the first month and the second month. Indicate in parentheses the number of months summed, that is, 6 (2) represents 6 tons emitted in 2 months.

(**) These values are added together only for the Fee Accounting Period, which begins on July 1 of any given calendar year and ends on June 30 of the next calendar year.

VOC AND HAP EMISSION LOG

PERMIT CONDITION E5-4

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
SOURCE 32-0169-04
MONTH AND YEAR: October 2012

Mixture	Usage (lbs per month)
C10	0
C11	0
C40	0
C40G	0
C42	0
C50	0
C52	0
DP2000	0
Q126	0
6112	0
C67	0

VOC Emissions

0.00 lbs VOC per gallon

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_i per gallon)	Glycol Ether EMISSIONS (tons HAP_i per month)	Methy Methylacrylate CONTENT (pounds HAP_p per gallon)	Methyl Methacrylate HAP_p EMISSIONS (tons HAP_p per month)	Formaldehyde CONTENT (pounds HAP_p per gallon)	Formaldehyde HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_i thru HAP_p per month)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E10	0	66.74	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40/E40G	0	61.35	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40G-O	0	65.77	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E40G-Y	0	62.41	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.00	0.00	0.001	0.00	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E126	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6112	0	26.96	0.00	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E67	0	30.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPA	0	0.10	0.00	6.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_2$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_3$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_4$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS			0.00		0.00		0.00		0.00		0.00	0.00
E5-4 (Equation 5) MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):												0.00

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_i per gallon) (Not a HAP by EPA)	Glycol Ether EMISSIONS (tons HAP_i per month)	Methy Methylacrylate CONTENT (pounds HAP_p per gallon)	Methyl Methacrylate HAP_p EMISSIONS (tons HAP_p per month)	Formaldehyde CONTENT (pounds HAP_p per gallon)	Formaldehyde HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_i thru HAP_p per month)
IPA	0			6.55	0.00		0.00		0.00		0.00	0.00
Material$_2$					0.00		0.00		0.00		0.00	0.00
Material$_3$					0.00		0.00		0.00		0.00	0.00
Material$_4$					0.00		0.00		0.00		0.00	0.00
SUBTOTALS					0.00		0.00		0.00		0.00	0.00
TOTALS:					0.00		0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
SOURCE 32-0169-04
MONTH AND YEAR: November 2012

Mixture	Usage (lbs per month)
C10	0
C11	0
C40	0
C40G	0
C42	0
C50	0
C52	0
DP2000	0
Q126	0
6112	0
C67	0

VOC Emissions

#DIV/0! lbs VOC per gallon

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_1 per gallon)	Glycol Ether EMISSIONS (tons HAP_1 per month)	Methy Methylacrylate CONTENT (pounds HAP_2 per gallon)	Methyl Methacrylate HAP_2 EMISSIONS (tons HAP_2 per month)	Formaldehyde CONTENT (pounds HAP_3 per gallon)	Formaldehyde HAP_3 EMISSIONS (tons HAP_3 per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_3 per month)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E10	0	66.74	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40/E40G	0	61.35	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40G-O	0	65.77	0.00	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E40G-Y	0	62.41	0.00	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.00	0.00	0.001	0.00	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E126	0	26.96	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6112	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E67	0	30.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPA	0	0.10	0.00	6.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
$Thinner/Solvent_2$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
$Thinner/Solvent_3$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
$Thinner/Solvent_4$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS			0.00		0.00		0.00		0.00		0.00	0.00

E5-4 (Equation 5) MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds): #DIV/0!

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_1 per gallon) (Not a HAP by EPA)	Glycol Ether EMISSIONS (tons HAP_1 per month)	Methy Methylacrylate CONTENT (pounds HAP_2 per gallon)	Methyl Methacrylate HAP_2 EMISSIONS (tons HAP_2 per month)	Formaldehyde CONTENT (pounds HAP_3 per gallon)	Formaldehyde HAP_3 EMISSIONS (tons HAP_3 per month)	TOTAL HAP EMISSIONS (tons HAP_1 thru HAP_3 per month)
IPA	0			6.55	0.00		0.00		0.00		0.00	0.00
$Material_2$					0.00		0.00		0.00		0.00	0.00
$Material_3$					0.00		0.00		0.00		0.00	0.00
$Material_4$					0.00		0.00		0.00		0.00	0.00
SUBTOTALS					0.00		0.00		0.00		0.00	0.00
TOTALS:					0.00		0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
SOURCE 32-0169-04
MONTH AND YEAR: December 2012

Mixture	Usage (lbs per month)
C10	0
C11	0
C40	0
C40G	0
C42	0
C50	0
C52	0
DP2000	0
Q126	0
6112	0
C67	0

VOC Emissions

0.00 lbs VOC per gallon

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_1 per gallon)	Glycol Ether EMISSIONS (tons HAP_1 per month)	Methy Methylacrylate CONTENT (pounds HAP_2 per gallon)	Methyl Methacrylate HAP_2 EMISSIONS (tons HAP_2 per month)	Formaldehyde CONTENT (pounds HAP_3 per gallon)	Formaldehyde HAP_3 EMISSIONS (tons HAP_3 per month)	TOTAL HAP EMISSIONS (tons HAP1 thru HAP_n per month)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E10	0	66.74	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40/E40G	0	61.35	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40G-O	0	65.77	0.00	0.05	0.00000	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E40G-Y	0	62.41	0.00	0.04	0.0000	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.000	0.00	0.001	0.00	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E126	0	26.96	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6112	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E67	0	30.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPA	0	0.10	0.00	6.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_2$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_3$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_4$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS			0.00		0.00		0.00		0.00		0.00	0.00
E5-4 (Equation 5) MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds):												0.00

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_1 per gallon) (Not a HAP by EPA)	Glycol Ether EMISSIONS (tons HAP_1 per month)	Methy Methylacrylate CONTENT (pounds HAP_2 per gallon)	Methyl Methacrylate HAP_2 EMISSIONS (tons HAP_2 per month)	Formaldehyde CONTENT (pounds HAP_3 per gallon)	Formaldehyde HAP_3 EMISSIONS (tons HAP_3 per month)	TOTAL HAP EMISSIONS (tons HAP1 thru HAP_n per month)
IPA				6.55	0.00		0.00		0.00		0.00	0.00
Material$_2$					0.00		0.00		0.00		0.00	0.00
Material$_3$					0.00		0.00		0.00		0.00	0.00
Material$_4$					0.00		0.00		0.00		0.00	0.00
SUBTOTALS					0.00		0.00		0.00		0.00	0.00
TOTALS:					0.00		0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

MONTHLY VOC/HAP EMISSIONS LOG 3: COATING OPERATIONS
SOURCE 32-0169-04
MONTH AND YEAR: January 2013

Mixture	Usage (lbs per month)
C10	0
C11	0
C40	0
C40G	0
C42	0
C50	0
C52	0
DP2000	0
Q126	0
6112	0
C67	0

VOC Emissions

#DIV/0! lbs VOC per gallon

COATING MATERIALS

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_i per gallon)	Glycol Ether EMISSIONS (tons HAP_i per month)	Methy Methylacrylate CONTENT (pounds HAP_p per gallon)	Methyl Methacrylate HAP_p EMISSIONS (tons HAP_p per month)	Formaldehyde CONTENT (pounds HAP_p per gallon)	Formaldehyde HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_i thru HAP_p per month)
DP2000	0	74.39	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E10	0	66.74	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E11	0	77.20	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40/E40G	0	61.35	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E40G-O	0	65.77	0.00	0.05	0.00000	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E40G-Y	0	62.41	0.00	0.04	0.0000	0.02	0.00	0.00	0.00	0.00	0.00	0.00
E42	0	59.50	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E42D	0	0.00	0.00	3.50	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E50-C	0	54.04	0.00	0.19	0.00	0.000	0.00	0.001	0.00	0.00	0.00	0.00
E50-W	0	61.50	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E52	0	69.04	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E126	0	26.96	0.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6112	0	20.20	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E67	0	30.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPA	0	0.10	0.00	6.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_2$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_3$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thinner/Solvent$_q$			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUBTOTALS			0.00		0.00		0.00		0.00		0.00	0.00

E5-4 (Equation 5) MONTHLY-WEIGHTED AVERAGE VOC CONTENT OF ALL COATINGS, AS APPLIED (pounds VOC per gallon, excluding water and exempt compounds): #DIV/0!

LINE FLUSH SOLVENTS, CLEAN-UP SOLVENTS, ETC.

MATERIAL NAME	USAGE (gallons per month)	WATER & EXEMPT COMPOUND (% by volume)	ADJUSTED USAGE (gallons per month, excluding water and exempt compounds)	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	Glycol Ether (pounds HAP_i per gallon) (Not a HAP by EPA)	Glycol Ether EMISSIONS (tons HAP_i per month)	Methy Methylacrylate CONTENT (pounds HAP_p per gallon)	Methyl Methacrylate HAP_p EMISSIONS (tons HAP_p per month)	Formaldehyde CONTENT (pounds HAP_p per gallon)	Formaldehyde HAP_p EMISSIONS (tons HAP_p per month)	TOTAL HAP EMISSIONS (tons HAP_i thru HAP_p per month)
IPA	0			6.55	0.00		0.00		0.00		0.00	0.00
Material$_2$					0.00		0.00		0.00		0.00	0.00
Material$_3$					0.00		0.00		0.00		0.00	0.00
Material$_q$					0.00		0.00		0.00		0.00	0.00
SUBTOTALS					0.00		0.00		0.00		0.00	0.00
TOTALS:					0.00		0.00		0.00		0.00	0.00

Where: i = 1, 2, 3... n = the number of different coatings/materials;
p = 1, 2, 3... m = the number of different hazardous air pollutants; and
q = 1, 2, 3... r = the number of different thinners/solvents added to coatings;

Use rows as required for the number of different materials and columns as required for the number of different hazardous air pollutants.

DEVIATION/MALFUNCTION REPORT

CURRENT PERIOD

MALFUNCTION, STARTUPS, AND SHUTDOWNS EXCESSIVE EMISSIONS LOG
VACUMET CORP.
MORRISTOWN, TN

Under air permit #548489, we are required to note when excessive emissions occur from malfunction, startups and shutdowns that do not follow routine procedures and operations. When such an event occurs, please complete the following information on the log below.

Stack or Emissions Point Where Excess Emission Occurred	Date and Time of Malfunction	Type of Malfunction (describe)	Actions Taken to Return to Compliance with Air Permit Requirements	Date and Time Returned to Compliance	Signature of Person Overseeing this Activity
		None Occurred during Reporting Period			
		Plant closed, January 2013			

Period: 10/1/12 through 1/22/13
Reported: 12/22/2013