June 22, 2022

KENTUCKY ENVIRONMENTAL AND PUBLIC PROTECTION CABINET PADUCAH REGIONAL OFFICE - DIVISION OF AIR QUALITY ENVIRONMENTAL ASSISTANCE BRANCH 300 SOWER BOULEVARD FRANKFORT, KENTUCKY 40601

Attention: Derek Bozzell

Re: Conditional Major Permit F-17-045 Permit Renewal

Dear Mr. Bozzell:

This letter serves as the submittal of NRE Acquisition Co. LLC's permit renewal for the above-mentioned permit. We have included the DEP7007AI and DEP7007V as requested during a discussion with the Permit Renewal Branch.

Please note that the facility had limited operations at the facility during the last permit period due to a business downturn. However, there has been no change in emission units, processes or equipment included in the most recently issued permit revision. As with all operations since the original permit issuance, there is variation in welding and paint materials based upon customer requests. NRE has provided spreadsheets documenting the welding products and paint materials to establish worst-case calculations as requested by the Permit Renewal Branch. SDS for these products can be provided upon request.

We are requesting to continue the practice of documenting emissions on the monthly emission spreadsheets. This spreadsheet documents site-wide emissions of particulates, VOC, individual HAPS, and combined HAPS. The product specific concentrations and the quantity of all the paints and welding products are used to calculate the total emissions for the site. This process for calculating emissions has remained unchanged since the original permit application.

If you have any questions concerning the items discussed in this letter, please contact me at 618-242-6590 extension 152. Thank You.

Sincerely,

NRE Paducah

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Brent McGowen Corporate Maintenance & Safety Director

Attachments:

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Mr. Derek Bozzell June xx, 2022 Page 2

- KYDEP 7007AI a)
- KYDEP 7007V b)
- Welding Composition Data c)
- Worst Activator/Thinner Composition Worst Aerosol Paint Composition Worst Paint Composition Worst Thinner Composition d)
- e)
- f)
- *g*)

Form TPR	TRANSFER OF PERMIT REQUEST Kentucky Pollutant Discharge Elimination System (KPDES) Division of Water								
NA ME OF FACILITY: NRE Paducah AGENCY USE ONLY									
PERMIT NO.: KY00032	71	COUNTY: McCracken							
I. CURRENT PERMIT	I. CURRENT PERMITTEE INFORMATION (Existing permit holder)								
Name of Current Permittee: NRE Acquisition Co. LLC									
Facility Location Address	(Street, road, etc.): 1300 Kentucky Ave								
Facility City, State, Zip Co	ode: Paducah, KY, 42003								
II. PROPOSED OWNER	R OR OPERATOR INFORMATION								
Name of Proposed Permit	tee and Official Title: Brad Young, Vice Presider	nt							
NEW Name of Facility (if	f applicable): TRM NRE Paducah								
NEW Name of Company	(if applicable): TRM NRE Acquisition LLC								
Proposed Permittee Mailir	ng Address: P.O. Box 1416 Shawnee Ave								
Proposed Permittee City, S	State, Zip Code: Mt. Vernon, IL, 62864								
Proposed Permittee Telepl	hone Number: 618-242-6590								
Proposed Permittee Email	Address: b.young@nre.com								
NetDMR Official Contact	for Proposed Permittee: Donald R. Hayes	•							
NetDMR Official Contact	Teleph one Number: 618-242-6590								
NetDMR Official Contact	Email Address: d.hayes@nre.com								
III. NOTIFICATION B	Y CURRENT PERMITTEE	Brown and a second s							
Effective Date of Tra	ansfer of Permit Ownership: 5/2/2023								
Attach a signed cop containing a specifi	by of the contractual written agreement between c date, for transfer of the permit responsibility,	en the existing permittee and coverage, and liability betwee	new proposed permittee n them.						
PRINTED NAME AND T	ITLE: Hal Buzon - Guica	" Counsel							
SIGNATURE: DATE: 9/5/23									
IV. ACKNOWLEDGEN	MENT BY NEW PERMITTEE								
I hereby certify that I agree to the transfer of the permit, and I will assume ownership and all responsibility for meeting the permit conditions relating to water quality at the permitted facility listed above on the effective date of transfer indicated.									
PRINTED NAME AND T	ITLE: Bradly Young, Vice Preside	<u>, t</u>							
SIGNATURE:	Jy .	DATE: 9-13-	23						

Return completed application form and attachments to: Division of Water, Surface Water Permits Branch, 300 Sower Boulevard, 3rd Floor, Frankfort, KY 40601. Direct questions to: Surface Water Permits Branch at (502) 564-3410.

TRANSFER OF PHRMIT REQUEST INSTRUCTIONS FOR FORM 7032-CO

The Transfer of Permit shall not become effective until acknowledged by the Division of Water.

A Transfer of Permit Request submitted and signed by the current permittee without the signature of the new permittee shall include a fully executed, written agreement between the current and new permittees containing the specific date for transfer of permit responsibility, coverage, and liability.

The Transfer of Permit Request shall be signed as follows:

- 1. Corporation: by a principal executive officer of at least the level of vice-president.
- 2. Partnership or sole proprietorship: by a general partr er or the proprietor respectively.
- 3. Municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.

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Section AI.4: Type of Application								
Current Status:	🗌 Title V 🗹 Condit	ional Major 🗌 State-	-Origin	General Permit	Registrat	ion 🗌 None		
Requested Action: (check all that apply) Requested Status:	 Name Change Renewal Permit 502(b)(10)Change Revision Ownership Change Title V	 Initial Registration Revised Registration Extension Request Off Permit Change Closure ional Major State 	Significant Minor Revi Addition of Landfill Al -Origin PS	Revision ision f New Facility ternate Compliance Submittal SD 🗌 NSR	 Administ Initial So Portable Modificat Other: 	trative Permit Amendment purce-wide OperatingPermit Plant Relocation Notice ation of Existing Facilities		
Is the source requesting a limitation of potential emissions?								
Is the source requesting a limitation of potential emiss Pollutant: Particulate Matter Volatile Organic Compounds (VOC) Carbon Monoxide Nitrogen Oxides Sulfur Dioxide Lead		Requested Limit: consecutive consecutive		Pollutant: ☑ Single HAP ☑ Combined HAPs ☐ Air Toxics (40 CFR 68, S) ☐ Carbon Dioxide ☐ Greenhouse Gases (GHG) ☑ Other	ubpart F)	Requested Limit: consecutive 22.5 tons/12 months See Section AI.7		
For New Construction: Proposed Start Date of Construction: (MM/YYYY) Proposed Start Date of Construction: (MM/YYYY)								
For Modifications: Proposed Start Date of	Modification: (MM/YYYY)		Propos	ed Operation Start-Up Date: (MM/YYYY)			
Applicant is seeking cov	erage under a permit shield	. 🗌 Yes	☑ No	Identify any non-applica sought on a sepa	ble requireme rate attachme	ents for which permit shield is ent to the application.		

Section AI.5 Other Required Information

Indicate the documents attached as part of this application:							
DEP7007A Indirect Heat Exchangers and Turbines	DEP7007CC Compliance Certification						
DEP7007B Manufacturing or Processing Operations	DEP7007DD Insignificant Activities						
DEP7007C Incinerators and Waste Burners	DEP7007EE Internal Combustion Engines						
DEP7007F Episode Standby Plan	DEP7007FF Secondary Aluminum Processing						
DEP7007J Volatile Liquid Storage	DEP7007GG Control Equipment						
DEP7007K Surface Coating or Printing Operations	DEP7007HH Haul Roads						
DEP7007L Mineral Processes	Confidentiality Claim						
DEP7007M Metal Cleaning Degreasers	Ownership Change Form						
DEP7007N Source Emissions Profile	Secretary of State Certificate						
DEP7007P Perchloroethylene Dry Cleaning Systems	Flowcharts or diagrams depicting process						
DEP7007R Emission Offset Credit	Digital Line Graphs (DLG) files of buldings, roads, etc.						
DEP7007S Service Stations	Site Map						
DEP7007T Metal Plating and Surface Treatment Operations	Map or drawing depicting location of facility						
DEP7007V Applicable Requirements and Compliance Activities	Safety Data Sheet (SDS)						
DEP7007Y Good Engineering Practice and Stack Height Determination	Emergency Response Plan						
DEP7007AA Compliance Schedule for Non-complying Emission Units	✓ Other:						
DEP7007BB Certified Progress Report							
Section AI.6: Signature Block							
I, the undersigned, hereby certify under penalty of law, that I am a	responsible official*, and that I have personally examined, and am familiar	with, the					
information submitted in this document and all its attachments. Ba	sed on my inquiry of those individuals with primary responsibility for obtain	ning the					
information, I certify that the information is on knowledge and beli	ef, true, accurate, and complete. I am aware that there are significant penal	ties for					

But M. Hum Authorized Signature	<u>6/22/2022</u> Date
Brent McGowen	Corporate Maintenance & Safety Director
Type or Printed Name of Signatory	Title of Signatory
*Responsible official as defined by 401 KAR 52:001.	

	DEP7007V						Additional Documentation
Divis	ion for Air Qualit	y Ap	plicable]	Requirem	ents and Compliar	nce	
				Activ	ities	Co	omplete DEP7007AI
30	0 Sower Boulevard		Section	n V.1: Emissi	on and Operating Limita	ation(s)	
Fi	ankfort, KY 40601		Section	NV.2: Monito	oring Requirements		
	(502) 564-3999		Section	NV.3: Record	lkeeping Requirements		
			Section	n V.4: Report	ing Requirements		
			Section	NV.5: Testing	g Requirements		
			Section	n V.6: Notes,	Comments, and Explan	ations	
Source Nan	ne: NRE Pa	ducah		,	· 1		
KY EIS (A	FS) #: 21- 145-045						
Permit #:	F-17-04	5					
Agency Int	erest (AI) ID:	3077					
Date:							
Section V	.1: Emission and	Operating Lin	nitation(s)				
Emission Unit #	Emission Unit Description	Applicable Regulation or Requirement	Pollutant	Emission Limit (if applicable)	Voluntary Emission Limit or Exemption (if applicable)	Operating Requirement or Limitation (if applicable)	Method of Determining Compliance with the Emission and Operating Requirement(s)
EP-02	None	401 KAR 61:020 Section 3(1)(a)	Visible Emissions	<40% Opacity	N/A	N/a	Visual observations validated by Method 9 or equipment inspection.
EP-02	None	401 KAR 61:020 Section 3(1)(a)	Particulate	<2.58 lbs/hr	Limit material usage to meet source wide emission limits	Usage <8 GPH Demonstrate Compliance	Presumed compliance based upon process description.
EP03A and EP03B	VMV 117 and VMV 118	401 KAR 59:010 Section 3(1)(a)	Visible Emissions	<20% Opacity	N/a	N/a	Visual observations validated by Method 9 or equipment inspection.
EP03A and EP03B	VMV 117 and VMV 118	400 KAR 59:010 Section 3(2)	Particulate	<2.34 lbs/hr	Limit material usage to meet source wide emission limits	Operate & Maintain per Manufacturer requirements	Compliance with operating limitations.

Emission Unit #	Emission Unit Description	Applicable Regulation or Requirement	Pollutant	Emission Limit (if applicable)	Voluntary Emission Limit or Exemption (if applicable)	Operating Requirement or Limitation (if applicable)	Method of Determining Compliance with the Emission and Operating Requirement(s)
EP03A	VMV 117	Operating Limitation 1.c	Particulate	N/a	N/a	Pressure drop between 6 " and 10" water	Intermittent determination as documented by pressure drop recorded on pre-shift checklist
EP03B	VMV 118	Operating Limitation 1.d	Particulate	N/a	N/a	Pressure drop between 8 " and 10" water	Intermittent determination as documented by pressure drop recorded on pre-shift checklist
EP-04	VMV 06	401 KAR 59:010 Section 3(1)(a)	Visible Emissions	<20% Opacity	N/a	Pressure drop between 2" and 3" water	Visual observations validated by Method 9 or equipment inspection.
EP-04	VMV 06	401 KAR 59:010 Section 3(2)	Particulate	<2.34 lbs/hr	Limit material usage to meet source wide emission limits	Operate & Maintain per Mfg req., Operate Dust collectors	Intermittent determination as documented on daily checklists.
EP-05	VMV 09	401 KAR 59:010	N/a	N/a	N/a	Ventillation at 20 air exchange per hour	Visual observations of pressure drop readings on manometers recorded on daily checklists.
EP-05	VMV 09	401 KAR 59:010 Section 3(1)(a)	Visible Emissions	<20% Opacity	N/a	2.1" water require Maintenance	Visual observations validated by Method 9 or equipment inspection.
EP-05	VMV 09	401 KAR 59:010 Section 3(2) Operating Conditions 1.e and 1.f.	Particulate	<4.14 lbs/hr	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Visual observations of pressure drop readings on manometers recorded on daily checklists.
EP-06	VMV 11	401 KAR 59:010 Section 3(1)(a)	Particulate	<2.34 lbs/hr	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Compliance with operating limitations.
EP-06	VMV 11	401 KAR 59:010 Section 3(2)	Visible Emissions	<20% Opacity	N/a	None	Visual observations validated by Method 9 or equipment inspection.
EP-06	VMV 11	401 KAR 63:020	HAPs/Toxics	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Compliance with operating limitations.
EP-07	VMV 15	401 KAR 59:010	VOC, PM, NOx, HAP	Included in source wide	Limit material usage to meet source wide emission limits	Only use Natural Gas Conduct Proper Maintnenace	Demonstrated through daily checklists and use of natural gas as fuel.
EP-08	None	401 KAR 59:015	SO2	< 2.313 lb/ mmBtu heat input	Limit material usage to meet source wide emission limits	Only use Natural Gas Conduct Proper Maintnenace	Demonstrated through daily checklists and use of natural gas as fuel.

Emission Unit #	Emission Unit Description	Applicable Regulation or Requirement	Pollutant	Emission Limit (if applicable)	Voluntary Emission Limit or Exemption (if applicable)	Operating Requirement or Limitation (if applicable)	Method of Determining Compliance with the Emission and Operating Requirement(s)
EP-08	None	401 KAR 59:015	РМ	< 0.4824/ mmBtu heat input	Limit material usage to meet source wide emission limits	Only use Natural Gas Conduct Proper Maintnenace	Demonstrated through daily checklists and use of natural gas as fuel.
EP-08	None	401 KAR 59:015	Opacity	<40% opacity for 6 minutes	N/a	Only use Natural Gas Conduct Proper Maintnenace	Demonstrated through daily checklists and use of natural gas as fuel.
EP-09	VMV 08	401 KAR 61:020	Particulate / Visible Emissions	<2.58 lbs/hour and <40% Opacity	Limit material usage to meet source wide emission limits	Water walls in use, no paint bypass, all doors closed during operation except for entry/exit	Performance of daily checklists, and operation in accordance with operating limitations and control equipment operating conditions.
EP-09	VMV 08	401 KAR 63:020	HAPs/Toxics	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Tracking of inventory checkout and monthly source-wide emission calculations.
EP-09	VMV 126	401 KAR 63:020	HAPs/Toxics	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Tracking of inventory checkout and monthly source-wide emission calculations.
EP-09	VMV 126	401 KAR 59:010	Visible Emissions	<2.34 lbs/hour and <20% Opacity	Limit material usage to meet source wide emission limits	Operational magnahelic, filters in good condition and in place, no site-wide excedance	Daily checkists of material use , visible emissions, maintenance and operation.
EP-10	None	None	None Listed	Included in source-wide limits	Limit material usage to meet source wide emission limits	Only use natural gas	Continuous compliance as demonstrated through use of only natural gas.
EP-13	VMV 18-20, VMV 34, VMV 37-41, VMV 43, VMV 51-56, VMV 121	None	Source-wide limits referenced	Included in source-wide limits	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Demonstrated through monthly emission calculation and monthly utilization records.
EP-17	VMV 44, VMV 45	401 KAR 59:010	Particulates,	<2.34 lbs/hour and <20% Opacity	Limit material usage to meet source wide emission limits	Limit material usage, only Natural Gas usage, Proper maintenance	Use of Natural gas verified.
EP-17	VMV 44, VMV 45	401 KAR 63:020	HAPs and VOC	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage	Tracking of inventory checkout and monthly source-wide emissions.

Emission Unit #	Emission Unit Description	Applicable Regulation or Requirement	Pollutant	Emission Limit (if applicable)	Voluntary Emission Limit or Exemption (if applicable)	Operating Requirement or Limitation (if applicable)	Method of Determining Compliance with the Emission and Operating Requirement(s)
EP-18	VMV 122	Permit Condition	Source-wide limits referenced	Included in source-wide limits	Limit material usage to meet source wide emission limits	Limit material usage to meet source wide emission limits	Demonstrated through monthly emission calculation and monthly utilization records.
EP-20	VMV 105	401 KAR 59:010	Particulates,	<2.34 lbs/hour and <20% Opacity	Limit material usage to meet source wide emission limits	Limit material usage	Visual observations validated by Method 9 or equipment inspection, Filters in place and operated and replaced per Mfg requirements
EP-20	VMV 105	401 KAR 63:020	HAPs and VOC	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage	Tracking of inventory checkout and monthly source-wide emissions.
EP-21	PAU 1, PAU 2, PAU 3, PAU 4	401 KAR 59:010	Particulates,	<2.34 lbs/hour and <20% Opacity	Limit material usage to meet source wide emission limits	Area enclosed and tested via smoke tubes, 20 air exchanges per hour, filters and eventillation system in operation when painting, Limit material usage, Proper maintenance, no leakage during operation	Ventillation calculations, smoke tube tests, visual observations of stacks, or equipment inspection, obstruct the make-up air to prevent leakage via filters, forced make-up, trap doors, etc.
EP-21	PAU 1, PAU 2, PAU 3, PAU 4	401 KAR 63:020	HAPs and VOC	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage	Tracking of inventory checkout and monthly source-wide emissions.
EP-25	SG 1	401 KAR 59:010	Particulates,	<2.34 lbs/hour and <20% Opacity	Limit material usage to meet source wide emission limits	Limit material usage, filters in place and operational, magnahelic guage operational, Proper maintenance	Visual observations validated by Method 9 or equipment inspection, compliance with operating restrictions.
EP-25	SG 1	401 KAR 63:020	HAPs and VOC	No harm to health /welfare of humans, plants/animals	Limit material usage to meet source wide emission limits	Limit material usage	Tracking of inventory checkout and monthly source-wide emissions.

Emission Unit #	Emission Unit Description	Applicable Regulation or Requirement	Pollutant	Emission Limit (if applicable)	Voluntary Emission Limit or Exemption (if applicable)	Operating Requirement or Limitation (if applicable)	Method of Determining Compliance with the Emission and Operating Requirement(s)
Plant Wide		401 KAR 52:030	NOx	90 tons per 12 consecutive month	N/A	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	PM/PM10	90 tons per 12 consecutive month	N/A	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	VOC	90 tons per 12 consecutive month	N/a	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	Single HAP	9 tons per 12 consecutive month	N/a	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	Combined HAP	22.5 tons per 12 consecutive month	N/a	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	Chromium VI	0.00004 tons per 12 consecutive month	N/a	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	Cobalt	0.00004 tons per 12 consecutive month	N/a	N/a	Demonstrated through monthly emission documentation.
Plant Wide		401 KAR 52:030	Nickel	0.04 tons per 12 consecutive month	N/a	N/a	Demonstrated through monthly emission documentation.

Section V.2: Monitoring Requirements										
Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Monitored	Description of Monitoring					
EP-02	None	Particulate	401 KAR 61:020 Section 3(1)(a)	Visible Emissions	Conduct Method 9 observatiion if qualatative visual emissions are greater than 40% opacity.					
EP-02	None	VOC/HAPS	401 KAR 61:020 Section 3(1)(a)	Monitor raw material usage and emission rates	Monthly usage entered into tracking sheet for site-wide emissions					
EP03A and EP03B	VMV 117 and VMV 118	Particulate	401 KAR 59:010	Resistance to airflow via pressure drop redings	Monitor pressure drops off magnahelic guage once per shift					
EP-04	VMV 06	Particulate	401 KAR 59:010	Resistance to airflow via pressure drop redings	Monitor pressure drops off magnahelic guage once per shift					
EP-05	VMV 09	Particulate	401 KAR 59:010	Resistance to airflow via pressure drop redings	Monitor pressure drops off magnahelic guage once per shift					
EP-06	VMV 11	HAPS	401 KAR 59:010 and 401 KAR 63:030	Welding wire usage	Inventory records of weldng wire usage monitored monthly					
EP-06	VMV 11	Particulate	401 KAR 59:010	Visible emissions	Qualitative vissual emiissions performed at least weekly followed by Method 9 Observation if qualitative observation was greater than 20% opacity.					
EP-07	VMV 15	VOC, PM, HAPS, NOx	401 KAR 59:010	Source-wide Natural gas use, source wide VOC, HAPS, NOx, and PM emissions	Monitor source-wide Natural gas use on monthly basis from vendor invoice and source-wide emissions calculated on monthly reports.					
EP-08	None	SO2, NOx	401 KAR 59:015	Source-wide Natural gas use, Hours of Operation	Monitor source-wide Natural gas use on monthly basis from vendor invoice and hours of operation for each affected unit.					
EP-09	VMV 08	Particulate	401 KAR 61:020	Water Pressure Flow	Monitor pressure drops, inspect water walls and vents and verify uniformity of the wter sheet once per 8 hours of operation.					

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Monitored	Description of Monitoring
EP-09	VMV 126	N/a	401 KAR 59:010	Pressure drop	Monitor pressure drops off magnahelic guage once per shift
EP-10	None	Particulate	None	Source-wide Natural gas use	Monitor source-wide Natural gas use on monthly basis from vendor invoice.
EP-13	VMV 18-20, VMV 34, VMV 37-41, VMV 43, VMV 51-56, VMV 121	N/a	None	Amount of solvent usage	Monitor and record the amount of solvent usage in degreasing nits on a monthly basis.
EP-17	VMV 44, VMV 45	VOC, PM, HAPS, NOx	401 KAR 59:010	Source-wide Natural gas use, source wide VOC, HAPS, NOx, and PM emissions	Monitor source-wide Natural gas use on monthly basis from vendor invoice and source-wide emissions calculated on monthly reports.
EP-18	VMV 122	VOC, PM, HAPS, NOx	Permit Condition	Diesel fuel use at test cells, source wide VOC, HAPS, NOx, and PM emissions	Monitor diesel fuel usage from flow guages and source-wide emissions calculated on monthly reports.
EP-20	VMV 105	VOC, PM, HAPS	401 KAR 59:010	Pressure drop including date, time, person performing and date of filter change. Non- operation also logged.	Monitor parameters cocumented on Daily checklist.
EP-21	PAU 1, PAU 2, PAU 3, PAU 4	VOC, PM, HAPS	401 KAR 59:010	Raw material use, filter inspection, site-wide emissions, smoke tube observations, enclosure containment	Material use tracked from inventory usage. Operators observe and log the filter inspection, smoke tube observations, and enclosure containment. Source wide emissions calculated on monthly reports.
EP-25	SG 1	VOC, PM, HAPS	401 KAR 59:010	Raw material use, filter inspection, pressure drop ncluding date, time, person performing and date of filter change. Site- wide emissions	Material use tracked from inventory usage. Operators observe and log the filter inspection, pressure drop and associated data. Source wide emissions calculated on monthly reports.

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Recorded	Description of Recordkeeping
EP-02	None	Visible Emissions	401 KAR 61:020 Section 3(1)(a)	Method 9 tests	Method 5 and Method 9 observations logged on customized EPA log sheets.
EP-02	None	Particulate	401 KAR 61:020 Section 3(1)(a)	Monthly material usage	Usage of raw materials documented on daily reports.
EP03A and EP03B	VMV 117 and VMV 118	Visible Emissions	401 KAR 59:010 Section 3(1)(a)	Weekly qualitative opacity observations, Method 5 or Method 9 tests	Weekly qualitative visual emissions documented on Daily Checklist. Method 9 observations logged on customized EPA log sheet.
EP03A and EP03B	VMV 117 and VMV 118	Particulate	400 KAR 59:010	Pressure drop, Maintenance and inspection results	Parameters documented on the Daily Checklist
EP03A and EP03B	VMV 117 and VMV 118	N/a	Permit Condition	Pounds of waste recovered	Parameters documented on the Daily Checklist
EP-04	VMV 06	N/a	Permit Condition	Pounds of waste recovered	Parameters documented on the Daily Checklist
EP-04	VMV 06	Visible Emissions	401 KAR 59:010	Weekly qualitative opacity observations, Method 5 or Method 9 tests	Weekly qualitative visual emissions documented on Daily Checklist. Method 9 observations logged on customized EPA log sheet.
EP-04	VMV 06	Particulate	401 KAR 59:010	Pressure drop, Maintenance and inspection results	Parameters documented on the Daily Checklist
EP-05	VMV 09	Particulate	401 KAR 59:010	Pressure drop, Maintenance and inspection results	Parameters documented on the Daily Checklist
EP-05	VMV 09	Particulate	401 KAR 59:010	Pounds of blasting material	Inventory records used to track blast usage.
EP-05	VMV 09	Visible Emissions	401 KAR 59:010	Weekly opacity observations, Method 5 or Method 9 tests	Weekly qualitative visual emissions documented on Daily Checklist. Method 9 observations logged on customized EPA log sheet.

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Recorded	Description of Recordkeeping
EP-05	VMV 09	N/a	Operating Conditions 1.e and 1.f. Specific Recordkeeping 5.e	Excursions >+/-40% of 2.1" of water	Excursions documented on the Daily Checklist
EP-06	VMV 11	Visible Emissions	401 KAR 59:010	Weekly qualitative opacity observations, Method 5 or Method 9 tests	Weekly qualitative visual emissions documented on Daily Checklist. Method 9 observations logged on customized EPA log sheet.
EP-06	VMV 11	N/a	Permit Requirement 5.a	Monthly material usage in pounds	Usage of raw materials documented on monthly usage reports.
EP-07	VMV 15	N/a	401 KAR 59:010	Source-wide Natural gas use, O&M < manufacturer's requirements, Mtce affecting operation	Monthly Natural Gas Vendor logs, Weekly qualitative visual emissions and Maintenance documented on Daily Checklist, Burner Manufacturer O&M specs.
EP-08	None	NOx, SO2	401 KAR 59:015	Source-wide Natural gas use, O&M < manufacturer's requirements, Mtce affecting operation	Monthly Natural Gas Vendor logs. Weekly qualitative visual emissions, and Manitenance documented on Daily Checklist, Burner Manufacturer O&M specs.
EP-09	VMV 08	Particulate	401 KAR 61:020	Water Wall continuity, Visible emissions, Corrective Maintenance records, Method 9 opacity	Water wall continuity, weekly qualitative visual emissions, and Manitenance documented on Daily Checklist. Method 9 observations logged on customized EPA log sheet.
EP-09	VMV 08	N/a	401 KAR 61:020 and 401 KAR 63:030	Gallons of paint per emission unit	Inventory records and operator daily checklist tracks individual paint usage
EP-09	VMV 126	N/a	401 KAR 59:010 and 401 KAR 63:030	Gallons of paint per emission unit	Inventory records and operator daily checklist tracks individual paint usage
EP-09	VMV 126	Visible Emissions	401 KAR 59:010	qualitative opacity, Method 9 observations, Maintenance and inspection	Weekly qualitative visual emissions, and Manitenance documented on Daily Checklist. Method 9 observations logged on customized EPA log sheet.
EP-10	None	Particulate	None	Source-wide Natural gas use, Maintenance and repairs	Monthly Natural Gas Vendor logs. Maintenance documented on Daily Checklist.

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Recorded	Description of Recordkeeping
EP-13	VMV 18-20, VMV 34, VMV 37-41, VMV 43, VMV 51-56, VMV 121	N/a	None	Source wide gallons of solvent used, VOC content of each solvent used	Usage of raw materials and the individual VOC content will be documented on monthly usage reports.
EP-17	VMV 44, VMV 45	Particulate, VOC, HAPS	401 KAR 59:010 and 401 KAR 63:030	source-wide Natural gas use, O&M < manufacturer's requirements, Mtce affecting operation, compliance	Monthly Natural Gas Vendor logs. Manitenance documented on Daily Checklist, Burner Manufacturer O&M specs.
EP-17	VMV 44, VMV 45	VOC, HAPS	401 KAR 59:010 and 401 KAR 63:030	Gallons of product and VOC and HAP content odf each	Monthly usage will be tracked via inventory records
EP-17	VMV 44, VMV 45	VOC, HAPS	401 KAR 59:010 and 401 KAR 63:030	Gallons of Esterllite 805 Polyester resin or equivalent	Monthly usage will be tracked via inventory records
EP-18	VMV 122	PM, VOC, NOx, HAPS	Permit Condition	Fuel Usage and type, engine type	Daily checklists log the fuel usage and sulfur content and the type of engine tested.
EP-18	VMV 123	N/a	Permit Condition	Engine test speciifications	Engine test logs track engine type, % loading, and time of test conditoins
EP-20	VMV 105	PM, VOC, HAPS	401 KAR 59:010	Gallons Paint used and pressure drop.	Paint usage tracked by inventory records Daily checklists document the pressure drop and operation information
EP-21	PAU 1, PAU 2, PAU 3, PAU 4	PM, VOC, HAPS	401 KAR 59:010	Gallons Raw Material use, enclosure specifics and ventillation rate, Method 9 observations	Paint usage tracked by inventory records Daily checklists document the enclosure information, ventillation rate, and operation information Customized EPA Method 9 forms document observations.
EP-25	SG 1	PM, VOC, HAPS	401 KAR 59:010	Gallons Raw Material use, Method 5 results, and Method 9 observations	Paint usage tracked by inventory records Customized EPA Method 9 forms document observations. Method 5 results maintained.
Plant Wide All	N/a	PM, VOC, NOx, HAPS	Permit Condition D5	Pounds of emissions	Monthly emissions will be calculated for each emission point and documented in a monthly report including totals for each pollutant. Records will be maintained on site.
Plant Wide	N/a	PM, VOC, HAPS	Permit Condition	Pounds of waste paint recovered and sent for recovery, test results for waste paint	Copies of waste manifests including waste paint for recovery will maintained along with copies of analytical test results for the shipments.

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Recorded	Description of Recordkeeping
Plant Wide	N/a	N/a	Permit Condition	All other relevant test results	All emission test results not otherwise specified in other recordkeeping requirements will be maintained in siite files.
Plant Wide	N/a	PM, VOC, NOx, HAPS, combined HAPS	Permit Condition	Parameter emissions	The amount of each poollutant emitted each month from all units will be documented each month
Plant Wide	N/a	N/a	Permit Condition	Gallons of Gasoline filled into storage tanks	Vendor delivery records will document the gallons added to storge tanks on site.
Plant Wide	N/a	N/a	Permit Condition	Gallons of kerosine filled into storage tanks	Vendor delivery records will document the gallons added to storge tanks on site.
Plant Wide	N/a	N/a	Permit Condition	Gallons of Diesel filled into storage tanks	Vendor delivery records and site logs will document the gallons added to storge tanks on site.
Plant Wide	N/a	N/a	Permit Condition	Gallons of oil and Waste Oil filled into storage tanks	Vendor delivery records and site logs will document the gallons added to storge tanks on site.
Plant Wide	N/a	PM, VOC, and HAPS	Permit Condition	VOC HAP, and Solids content of each paint	Vendor Safety or Technical data sheets documenting product content will be maintained in electronic files.
Plant Wide	N/a	PM, VOC, NOx, HAPS, combined HAPS	Permit Condition	Parameter emissions for each 12 month consecutive period	The amount of each poollutant emitted for each 12 month period from all units will be documented each month
Plant Wide	N/a	N/a	Permit Condition	Gallons of spray paint	Inventory records will document usage
Plant Wide	N/a	N/a	Permit Condition	Cubic feet of natural gas burned	Monthly Natural Gas Vendor logs

Section V.4: Reporting Requirements

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Reported
EP-02	None	Particulate	401 KAR 61:021	Excursions
EP-03	VMV-117 and VMV 118	Particulate	401 KAR 61:021 Section 3 (2)(A)	Excursions
EP-04	VMV 06	Particulate	401 KAR 61:021 Section 3 (2)(A)	Excursions
EP-05	VMV-09	Particulate	401 KAR 61:021 Section 3 (2)(A)	Opacity & Excursions
EP-06	VMV-11	HAPS	401 KAR 63:020	Individual and combined HAPS rolling average
EP-06	VMV-11	Particulate	401 KAR 59:010, Section 3(1)(a)	Opacity Observations
EP-06	VMV-11	Particulate	Permit reporting condition	Corrective actions and follow-up observations
EP-07	VMV 15	N/A	None	Exceedances or Excursions
EP-08	Indirect Heat Exchngers (Boilers)	Particulates & Sulfur Dioxide	401 KAR 59:015	Exceedances or Excursions
EP-09	VMV-08 (Train Locomotive Spray Booth)	Partiiculates and HAPS	401 KAR 61:020 and 401 KAR 63:020	Corrective Actions

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Reported
EP-09	VMV-126	Partiiculates and HAPS	401 KAR 59:010 and 401 KAR 63:020	Corrective Actions
EP-10	Direct Heat Units-Natural Gas Usage	N/A	None	N/A
EP-13	VMV-18-VMV-20, VMV34, VMV-37-41, VMV-43, VMV- 51-VMV-56, VMV-121 (Degreasers)	N/A	None	N/A
EP-17	VMV-44 and VMV-45 (Dip Coating of Metal Parts)	Partiiculates and HAPS	401 KAR 59:010 and 401 KAR 63:020	Exceedances Or Excursions
EP-18	VMV-122 (Testing of Locomotives)	N/A	None	Exceedances Or Excursions
EP-020	VMV-105 (Painting of engines and other parts)	VOC Partiiculates and HAPS	401 KAR 59:010 and 401 KAR 63:020	Opacity Exceedances
EP-21	PAU 1-4 (Painting of locomotive insides and other painting outside of Permanent Booths)	Partiiculates	401 KAR 59:010	Opacity Exceedances
EP-25	SG-1 (Painting of Locomotives)	Partiiculates and HAPS	401 KAR 59:010 and 401 KAR 63:020	Opacity Exceedances
Sitewide	N/A	N/A	Section F.7 of F-17-045	Emission related exceedances from permit requirements
Sitewide	N/A	N/A	Section F.5 and F.6 of F-17-045	Summary reports of any required monitoring
Sitewide	N/A	N/A	Section D.6 of F-17-045	Semi-Annual reports certified gallons of paint thinner recovered with test reults

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Reported
Sitewide	N/A	N/A	Section D.6 of F-17-045	Number ofengine tests and gallons of diesel used
Sitewide	N/A	N/A	Section D.6 of F-17-045	Deviatios from any requirements in Section D.
Sitewide	N/A	N/A	Section D.6 of F-17-045	Amount of NOx, CO, PM, VOC, individual HAP, and combined HAPs

Description of Reporting
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
Twelve-month rolling total emissions of any individual HAP and combined HAPs calculations submitted in the semiannual report.
Weekly opacity observations reported in semi-annual report.
All instances where visible emissions are detected, along with any corrective action taken and the results of subsequent follow-up inspections for visible emissions are reported in semi- annual report.
The permittee shall report any exceedances or excursions from operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
All instances where visible emissions levels exceed limitations, with any corrective action taken and the results of subsequent follow-up inspections for visible emissions are reported in semi-annual report.

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Description of Reporting
All instances where visible emissions levels exceed limitations, with any corrective action taken
annual report.
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
The permittee shall report any exceedances or excursions from emission limitations or operating limitations
All instances where visible emissions levels exceed limitations, a description of the deviation,, the date and time period of the deviation, corrective action taken, and a statement of the cause of each deviation are reported in semi-annual report.
All instances where visible emissions levels exceed limitations, a description of the deviation,, the date and time period of the deviation, corrective action taken, and a statement of the cause of each deviation are reported in semi-annual report.
All instances where visible emissions levels exceed limitations, a description of the deviation,, the date and time period of the deviation, corrective action taken, and a statement of the cause of each deviation are reported in semi-annual report.
Deviations from permit requirements, including those reported under Section F.7 of Permit For 17-045, shall be included in the semiannual report.
A semi-annual report certified by a responsible official is submitted by January 30th and July 31st each year.
A semi-annual report certified by a responsible official is submitted by January 30th and July 31st each year.

Description of Reporting
A semi-annual report certified by a responsible official is submitted by January 30th and July 31st each year.
A semi-annual report certified by a responsible official is submitted by January 30th and July 31st each year.
A semi-annual report certified by a responsible official is submitted by January 30th and July 31st each year.

Section V.5: Testing Requirements

Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Tested
EP-02	None	Particulate	401 KAR 61:020	As Required By Dept
EP-03	VMV-117 and VMV 118	Particulate	401 KAR 59:010	As Required By Dept
EP-04	VMV 06	Particulate	401 KAR 59:010	As Required By Dept
EP-05	VMV-09	Particulate	401 KAR 59:010	As Required By Dept
VEP-06	VMV-11	PM HAPS	401 KAR 59:010 and 401 KAR 63:020	As Required By Dept
EP-07	VMV 15	VOC PM NOX HAPS	None	None
EP-08	Indirect Heat Exchangers (Boilers)	PM, SO2 & Opacity	401 KAR 59:015	As Required By Dept
EP-09	VMV-08 (Train Locomotive Spray Booth)	VOC PM HAPS	401 KAR 61:020 and 401 KAR 63:020	As Required By Dept
EP-09	VMV-126	VOC PM HAPS	401 KAR 59:010 and 401 KAR 63:020	As Required By Dept
EP-10	Direct Heat Units-Natural Gas Usage	None	None	None

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Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Tested
EP-13	VMV-18-VMV-20, VMV34, VMV-37-41, VMV-43, VMV- 51-VMV-56, VMV-121 (Degreasers)	None	None	None
EP-17	VMV-44 and VMV-45 (Dip Coating of Metal Parts)	VOC PM HAPS	401 KAR 59:010 and 401 KAR 63:020	As Required By Dept
EP-18	VMV-122 (Testing of Locomotives)	VOC PM NOX HAPS	None	Various
EP-20	VMV-105 (Painting of Engines and Other Parts)	VOC, HAPS Particulate	401 KAR 59:010 and 401 KAR 63:020	
EP-21	PAU 1-4 (Painting of Locomotive Insides and Other Painting Outside of Permant Booths)	VOC, HAPS Particulate	401 KAR 59:010	As Required By Dept
EP-25	SG-1 (Painting of Locomotives)	VOC, HAPS Particulate	401 KAR 59:010 and 401 KAR 63:020	As Required By Dept
Site Wide	N / A	VOC PM HAPS	401 KAR 50:015 and Permit Section D (4)(a)	VOC PM HAPS

	Emission Unit #	Emission Unit Description	Pollutant	Applicable Regulation or Requirement	Parameter Tested
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401 KAR 61:020

401 KAR 59:010

Description of Testing
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
None
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
None

Description of Testing
Nnne
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
Testing Per KAR 50:015 & 401 KAR 50:045 Required If Revisions To Emission Factors For Engine Testing Requested. See Section V.6 line 2.
Waste Paint & Solvent Is Sampled and Analyzed when emission reductions are requested. See site-wide
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
In accordance with 401 KAR 61:005 Section 2(2) and 401 KAR 50:045 Section 4
Waste Paint & Solvent Is Sampled and Analyzed when emission reductions are requested. See V.6 line 1.

Description of Testing

Section V.6: Notes, Comments, and Explanations Composition of waste paint determination. Waste recovery used to reduce emissions shall be established using the following methods and procedures, Refer to 40 CFR 60, Appendix A, Method 24, and SW-846 (at www.epa.gov/epaoswer/hazwaste/test/main.htm) for details of the testing methods. i. The permittee shall offer the Paducah Regional Office the opportunity to observe sampling (performed by the permittee just prior to shipment of the waste off-site) and the option to collect samples. In the event an unforeseen circumstance delays the waste shipment off-site, no additional waste shall be added to the shipment (the waste shall be shipped as sampled). ii. The permittee shall notify the Paducah Regional Office at least three (3) business days prior to any waste paint sampling and at least ten (10) days prior to the first waste paint sampling done following the issuance date of this permit iii. The sampling shall be done using a Coliwasa or any devices capable of equivalent sampling (only one design shall be used unless a change is approved by the division) iv. The sample or samples shall be randomly taken from any representative portion of the waste and shall be representative of the entire vertical strata of the waste (as described in Chapter 9 of SW-846) v. Samples shall be placed into 40 mL VOA vials, labeled, secured so that no one can tamper with the samples, and placed in a cooler with ice for shipment under a chain of custody to a reliable laboratory (as described in SW-846, Chapter 1) vi. The sample(s) shall be tested by Method 24 found in 40 CFR 60, Appendix A, to determine water content (% by mass) and volatile content (% by mass) of the waste vii. The sample(s) shall be prepared for direct injection by the procedures described in SW-846, Method 3580A viii. Individual HAP content of the waste shall be determined through application of the procedures described in SW-846, Method 8260 If alternate emission factors for **diesel engine testing** are proposed, the permittee shall perform testing by appropriate methods specified in 401 KAR 50:015 and in accordance with 401 KAR 50:045. Each testing run shall be defined as a complete engine test as defined by Southwest Research Institute. Testing high horsepower engines will demonstrate, to the division's satisfaction, maximum emissions from engines with lesser horsepower ratings (bigger engines may require additional tests). Additionally, test results matching recognized literature may (upon division review and approval) indicate other acceptable emission factors for untested groups of engines.

If emission factors or control efficiencies are established for an emission point by testing, those emission factors or control efficiencies may be applied retroactively to the date of permit issuance upon a showing by the permittee that the conditions during the test were representative of the conditions in effect for the particular emission point at the time of permit issuance. Test data that has been approved by the division may be used to demonstrate compliance with the terms of this permit or the provisions of underlying applicable requirements, but would not affect past emission fees.

No additional comments.

Welding rods and wire used at NRE-Paducah vary depending on the the nature of the repairs requested by the customer and the composition of the metals involved. Typically a limited number of welding rod and wire types are used but occasionally a specialty rod is required. The following table lists the welding rods and wires that are currently used at the faciility. Actual emissions are tracked on the monthly emission calculations using the composition of the rods and wire being used.

				2	101 KAR 63	3:060 Haza	rdus Air P	ollutants			
		Mn %	Ni %	Co%	Cd%	Cr%	Pb%	Se%	Be%	Ar%	Hg%
45014410001 E	ELECTRODE, 1/8" AWS E6011	0.5-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45014410101 E	ELECTRODE, 3/32" AWS E6011	0.5-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45014460001 E	ELECTRODE, 5/32" AWS E6013	1-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45014480001 E	ELECTRODE, 1/4" AWS E7024	3-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45014690501 E	ELECTRODE, 5/32" AWS E7018 LOW	1-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700000006 E	ELECTRODE, 3/32" AWS E7018-H4R	1-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V	Worst case Welding rod	7%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
45014931901	WIRE, .045" LINCOLN L-56 AUTO	1-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45014942401	WIRE, .045" 71-OS 50#/RL LINC	1-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
700000005 V	WIRE, .045 33#/RL ESAB DUAL SH	1.5-3.5	<0.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
, v	Worst case Welding Wire	5%	0.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Additional SDS may be added as necessary but the compositions typically do not exceed the worst case numbers. A review of historical usage identified tworods for welding stainless steel that have a nickel concentration up to 10% with all other constituents within the worst case rod/wire ranges. These are not commonly used and are purchased on an as-needed basis so no SDS is currently available.

Specialty Limited use rod			
	Mn	Ni	
ROD, 1/8" ULTRA SUPER MISSILE	5	5-10	
ELECTRODE, 5/32"" AWS E312-15	1.75	9.25	
Worst case specialty rod	5	10	

Worst Paint

MSDS / SDS	Item Number	Description	Qty Used	Units	Unit Weight	Percent Solids	Weight Solids	VOC	VOC Lbs	%XYL	XYL Lbs	% Tol	TOL Lbs	% Hex Di- Isocyanate (HDI)	HDI Lbs	% MIBK	MIBK Lbs
				UM	Lbs	%	Lbs	%	Lbs	1130-20-7	Lbs	108-88-3	Lbs	822-06-0	Lbs	108-10-1	Lbs
119	AUJ-5540-H	Paint, Black AUJ-5540-3.5 Polyac	1	GL	8.55	52.00	4.45	48.00	4.10	0.045	0.0	0.00	0.0	0	0.0	0	0.0
	47008524901	PAINT, BLUE DUPONT WILDCAT CO	1	GL	10.62	62.30	0.00	37.70	4.00		0.0				0.0	0	0.0
45	47008521001	Primer, 9815 Part B Gavlon CSX	1	GL	12.30	83.00	10.21	3.50	3.50	15	1.8	0.00	0.0	0	0.0	0	0.0
	7550005068	Imron 3.5 HG Plus 64723iRH	1	Gal	10.61	62.31	6.61	37.69	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	611P	Paint, Clear 611P Imron	1	GL	8.14	51.67	4.21	3.90	3.90	0	0.0	5.00	0.4	0	0.0	0	0.0
	4235	Paint, Polymer Enamel Grey Interior	1	Gal	9.84	63.00	6.20	37.00	3.64	0.00	0.00	15.33	1.51	0.00	0.00	0.00	0.00
	7550005066	RH-762271 Yellow Imron 3.5 HG Plus	1	Gal	9.16	55.15	5.05	44.85	4.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	47007320101	PAINT, WHITE AUP 5500-DTM	1	GL	10.75	67	7.20	33.00	3.55	0.05	0.01		0.0		0.0		0.0
	78722342P	PAINT, WHITE DUPONT	1	GL	10.85	64.81	7.03	2.80	2.80	0	0.0	0.00	0.0	0	0.0	0	0.0
80	681-709	Sealer, 681-709 Crankcase 5 GL Buc	1	GL	11.87	71.85	8.53	3.30	3.30	2.47	0.3	0.02	0.0	0	0.0	0.333	0.0
150	2540S	Sealer, DuPont Gray 2540S DTM	1	GL	12.01	64.73	7.77	4.00	4.00	10	1.2	1.00	0.1	0	0.0	0	0.0
	KRC-25W/5	PAINT, UP Suede Gray34-25W	1	GL	8.54	51.92	4.43	3.40	3.40	3.20	0.3	0.00	0.0	0.00	0.0	0.00	0.0
	1HTA25P-G	PAINT, HIGH TEMP ALUM. PART CO	1	GL	10.20	76.00	7.75	2.10	2.10		0.0		0.0		0.0		0.0
223	47004400101	Paint, Alum Sp-1171-1G VHT	1	Gal	7.90	48.00	3.79	3.80	3.80	18.00	1.42		0.00		0.00		0.00
	47006772101	Paint, gray AUJ 5508	1	Gal	10.20	57.70	5.89	3.44	3.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	47007322001	Paint, Green AUJ-5545 (P&L)	1	Gal	9.70	64.00	6.21	3.48	3.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	AM-2086-3.5	Paint, Beige AM-2086-3.5 Acrylic Alky	1	GL	9.50	63.00	5.99	3.50	3.50	5	0.5	5.00	0.5	0	0.0	3	0.3
	60659GN-G	PAINT, ORANGE INDUSTRIAL	1	GL	8.89	60.96	5.42	2.60	2.60		0.0		0.0		0.0		0.0
		Worst Paint			12.30	83.00	10.21		4.11		1.80		1.50		0.00		0.30

Worst Paint

Description	% Ethyl Benzene	Ethyl Benzene Lbs	% TCE	TCE Lbs	% Glycol Ethers	Glycol Ether Lbs	% Phenol	Phenol Lbs	% Formaldehy de	Formaldehy de Lbs	% Cumene	Cumene Lbs	% Hexane	Hexane Lbs	% Benzene	Benzene Lbs	% Methylene Chloride (MECL)
	100-41-4	Lbs	79-01-6	Lbs	112-34-5	Lbs	108-95-2	Lbs	50-00-0	Lbs	98-82-8	Lbs	110-54-3	Lbs	71-43-2	Lbs	75-09-2
Paint, Black AUJ-5540-3.5 Polyac	0.00	0.0	0	0.0	0.00	0.0		0.0		0.0	0.00	0.0		0.0		0.0	0
PAINT, BLUE DUPONT WILDCAT CO	0.00	0.0	0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0		0.0	0
Primer, 9815 Part B Gavlon CSX	1.00	0.1	0	0.0	0.00	0.0		0.0		0.0	0.00	0.0		0.0		0.0	0
Imron 3.5 HG Plus 64723iRH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Clear 611P Imron	0.20	0.02	0	0.0	2.00	0.2		0.0		0.0	0.00	0.0		0.0		0.0	0
Paint, Polymer Enamel Grey Interior	1.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RH-762271 Yellow Imron 3.5 HG Plus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAINT, WHITE AUP 5500-DTM		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
PAINT, WHITE DUPONT	0.00	0.0	0	0.0	0.00	0.0		0.0		0.0	0.00	0.0		0.0		0.0	0
Sealer, 681-709 Crankcase 5 GL Buc	0.62	0.1	0	0.0	0.00	0.0		0.0		0.0	0.00	0.0		0.0		0.0	0
Sealer, DuPont Gray 2540S DTM	2.60	0.3	0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0		0.0		0.0	
PAINT, UP Suede Gray34-25W	1.74	0.1	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.02	0.0	0.00	0.0	0.00	0.0	0.00
PAINT, HIGH TEMP ALUM. PART CO		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Paint, Alum Sp-1171-1G VHT		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
Paint, gray AUJ 5508	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Green AUJ-5545 (P&L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Beige AM-2086-3.5 Acrylic Alky	0.00	0.0	0	0.0	0.00	0.0		0.0		0.0	0.00	0.0		0.0		0.0	0
PAINT, ORANGE INDUSTRIAL		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
Worst Paint		0.30		0.00		0.20		0.00		0.00		0.00		0.00		0.00	

Worst Paint

Description	MECL Lbs	% PCE	PCE Lbs	% Methanol	Methanol Lbs	% Naphthalen e	Naphthalen e Lbs	% Lead Compounds	Lead Lbs	% Triethyl Amine (TEA)	TEA Lbs	% Cobalt Com pounds	Cobalt Lbs	% Ethyl Acrylate	Ethyl Acrylate Lbs
	Lbs	127-18-4	Lbs	67-56-1	Lbs	91-20-3	Lbs	various	Lbs	121-44-8	Lbs	various	Lbs	140-88-5	Lbs
Paint, Black AUJ-5540-3.5 Polyac	0.0	0	0.0	0	0.0	0	0.0	0	0.0		0.0		0.0		0.0
PAINT, BLUE DUPONT WILDCAT CO	0.0	0	0.0	0	0.0	0	0.0	0	0.0		0.0		0.0		0.0
Primer, 9815 Part B Gavlon CSX	0	0	0	0	0	0	0	0	0						
Imron 3.5 HG Plus 64723iRH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Clear 611P Imron	0.0	0	0.0	0	0.0	0	0.0	0	0.0		0.0		0.0		0.0
Paint, Polymer Enamel Grey Interior	0.00	0.00	0.00	0.00	0.00	5.10	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RH-762271 Yellow Imron 3.5 HG Plus	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAINT, WHITE AUP 5500-DTM	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
PAINT, WHITE DUPONT	0	0	0	0	0	0	0	0	0						
Sealer, 681-709 Crankcase 5 GL Buc	0.0	0	0.0	0	0.0	0	0.0	0	0.0		0.0		0.0		0.0
Sealer, DuPont Gray 2540S DTM	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
PAINT, UP Suede Gray34-25W	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0
PAINT, HIGH TEMP ALUM. PART CC	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Paint, Alum Sp-1171-1G VHT	0.00		0.00	26.00	2.05		0.00		0.00		0.00		0.00		0.00
Paint, gray AUJ 5508	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Green AUJ-5545 (P&L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Beige AM-2086-3.5 Acrylic Alky	0.0	0	0.0	0	0.0	0	0.0	0	0.0		0.0		0.0		0.0
PAINT, ORANGE INDUSTRIAL	0.0		0.0		0		0		0		0.0		0.0		0.0
Worst Paint	0.00		0.00		2.05		0.00		0.00		0.00		0.00		0.00

Item Number	Description	Qty Used	Units	Unit Weight	Percent Solids	Weight Solids	VOC	VOC Lbs	%XYL	XYL Lbs	% Tol	TOL Lbs	% Hex Di- Isocyanate (HDI)	HDI Lbs	% MIBK	MIBK Lbs	% Ethyl Benzene	Ethyl Benzene Lbs
			UM	Lbs	%	Lbs	%	Lbs	1130-20- 7	Lbs	108-88-3	Lbs	822-06-0	Lbs	108-10- 1	Lbs	100-41-4	Lbs
VF-525	ACTIVATOR (PART B)	1	GL	10.76	80.99	8.71	19.01	2.05	0.00	0.00	10.00	1.08	0.00	0.00	0.00	0.00	0.00	0.00
47008520001	Activator 9815-4542FC Part A CSX	1	GL	12.10	46.20	5.59	2.90	2.90	10.00	1.21	0.00	0.00		0.00	0.00	0.00	0.00	0.00
VGY611	Activator, Clear VGY-611	1	gal	9.09	74.99	6.82	25.01	2.27		0.00		0.00		0.00		0.00	0.00	0.00
2505S	ACTIVATOR, DUPONT 2505S DTM PR	1	GL	7.03	19.72	1.39	80.28	5.64		0.00	7.00	0.49		0.00	17.50	1.23		0.00
FG-040-G	ACTIVATOR, DUPONT CORLAR FG-040-G	1	GL	11.22	72.49	8.13	3.10	3.10		0.00		0.00		0.00		0.00		0.00
AUJC-650	Catalyst, AUJC-650-3.5 VOC Polyac (5's)	1	GL	8.36	52.00	4.35	48.00	4.01	23.93	2.00	0.15	0.01	0.10	0.01	0.00	0.00	5.22	0.44
9T00-A	ACTIVATOR, INDUSTRIAL STRENGTH	1	GL	9.83	95.00	9.34	0.00	0.00		0.00		0.00		0.00		0.00		0.00
	Worst Case Activator/Catalyst		Lbs/Gal	12.10		9.34		5.64		2.00		1.08		0.10		1.23		0.44

Description	% TCE	TCE Lbs	% Glycol Ethers	Glycol Ether Lbs	% Phenol	Phenol Lbs	% Formalde hyde	Formalde hyde Lbs	% Cumene	Cumene Lbs	% Hexane	Hexane Lbs	% Benzene	Benzene Lbs	% Methylene Chloride (MECL)	MECL Lbs	% PCE	PCE Lbs
	79-01-6	Lbs	112-34-5	Lbs	108-95-2	Lbs	50-00-0	Lbs	98-82-8	Lbs	110-54-3	Lbs	71-43-2	Lbs	75-09-2	Lbs	127-18-4	Lbs
ACTIVATOR (PART B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Activator 9815-4542FC Part A CSX	0.00	0.00	0.00	0.00		0.00		0.00		0.00		0.00		0.00	0.00	0.00	0.00	0.00
Activator, Clear VGY-611		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
ACTIVATOR, DUPONT 2505S DTM PR		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
ACTIVATOR, DUPONT CORLAR FG-040-G		0.00		0.00		0.00		0.00	0.40	0.04		0.00		0.00		0.00		0.00
Catalyst, AUJC-650-3.5 VOC Polyac (5's)	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00
ACTIVATOR, INDUSTRIAL STRENGTH		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
Worst Case Activator/Catalyst		0.00		0.00		0.00		0.00		0.04		0.00		0.00		0.00		0.00

Worst Case Activator/Catalyst

Description	% Methanol	Methanol Lbs	% Naphtha lene	Naphtha lene Lbs	% 1,1,1 Tri- Chloro ethane (TCA)	TCA Lbs	% Lead Compounds	Lead Lbs	Triethyl Amine % (TEA)	TEA Lbs	% Cobalt Com pounds	Cobalt Lbs	% Ethyl Acrylate	Ethyl Acrylate Lbs
	67-56-1	Lbs	91-20-3	Lbs	75-00-5	Lbs	various	Lbs	121-44-8	Lbs	various	Lbs	140-88-5	Lbs
ACTIVATOR (PART B)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Activator 9815-4542FC Part A CSX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Activator, Clear VGY-611		0.00		0.00		0.00		0.00		0.00		0.00		0.00
ACTIVATOR, DUPONT 2505S DTM PR		0.00		0.00		0.00		0.00		0.00		0.00		0.00
ACTIVATOR, DUPONT CORLAR FG-040-G		0.00		0.00		0.00		0.00		0.00		0.00		0.00
Catalyst, AUJC-650-3.5 VOC Polyac (5's)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
ACTIVATOR, INDUSTRIAL STRENGTH		0.00		0.00		0.00		0.00		0.00		0.00		0.00
Worst Case Activator/Catalyst		0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00		0.00

Worst Aerosol

Item Number	Description	Qty Used	Units	Unit Weight	Percent Solids	Weight Solids	VOC	VOC Lbs	%XYL	XYL Lbs	% Tol	TOL Lbs	% Hex Di- Isocyanate (HDI)	HDI Lbs	% MIBK	MIBK Lbs	% Ethyl Benzene
			UM	Lbs	%	Lbs	%	Lbs	1130- 20-7	Lbs	108-88- 3	Lbs	822-06-0	Lbs	108-10- 1	Lbs	100-41-4
47005340001	Paint Red Insulating Varnish SPRAY PAINT	1	CN	0.60	11.00	0.07	64.00	0.39	15.00	0.09	17.00	0.10	0.00	0.00	0.00	0.00	3.00
47008605201	Paint, Beige light 12 oz/12 cs	1	CN	0.61	10.00	0.06	48.81	0.30	0.00	0.00	20.00	0.12	0.00	0.00	0.00	0.00	0.00
47008505101	Paint, Black Flat 12 oz/12 cs Sprayon 01602	1	CN	0.60	14.60	0.09	47.52	0.29	0.00	0.00	18.00	0.11	0.00	0.00	0.00	0.00	0.00
47008509501	Paint, Gray Dark Eng. 12 oz/12 cs Sprayon 00325	1	CN	0.59	45.50	0.27	52.23	0.31	0.00	0.00	22.00	0.13	0.00	0.00	0.00	0.00	0.00
47008509401	Paint, Gray Light 12oz/12 cs Spray-On	1	Cn	0.62	10.00	0.06	51.57	0.32	0.00	0.00	22.00	0.14	0.00	0.00	0.00	0.00	0.00
47008490001	Paint, OSHA Gloss Black 1770	1	cn	0.61	46.70	0.28	52.33	0.32	22.00	0.17	0.00	0.00		0.00	0.00	0.00	4.00
25W-AERO	PAINT, SUEDE GRAY AEROSOL CAN	1	CN	0.62	51.51	0.32	78.79	0.49	10.00	0.06		0.00		0.00		0.00	5.00
47008509801	Paint, White Gloss 12oz/12 cs Spray-On	1	Cn	0.75	14.00	0.11	60.08	0.45	0.00	0.00	20.00	0.15	0.00	0.00	0.00	0.00	0.10
47008505201	Paint, Yellow OSHA Safety 12 oz/12 cs	1	CN	0.59	12.00	0.07	52.61	0.31	0.00	0.00	20.00	0.12	0.00	0.00	0.00	0.00	0.10
				•													
47008505201	Paint, Yellow OSHA Safety 12 oz/12 cs	1	CN	0.59	12.00	0.07	52.61	0.31	0.00	0.00	20.00	0.12	0.00	0.00	0.00	0.00	0.10
KRYL A00326	PAINT AEROSOL ENAMEL MACH LIGHT GRAY 12 OZ	1	CN	1.00	37.54	0.38	72.46	0.72	1.00	0.01	3.00	0.03	0.00	0.00	0.00	0.00	0.30
KRYL A03727007	PAINT AEROSOL ENAMEL MAX-FLAT BLACK 12 OZ	1	CN	1.00	20.00	0.20	80.00	0.80	2.20	0.02	0.00	0.00	0.00	0.00	0.00	0.00	1.00
KRYL K01910A07	PAINT AEROSOL ENAMEL TRUE BLUE 12 OZ	1	CN	1.00	12.16	0.12	87.84	0.88	3.28	0.03	0.00	0.00	0.00	0.00	2.69	0.03	0.58
	Worst Case Aerosol		Lbs/Can	1.00		0.38		0.88		0.17		0.15		0.00		0.03	

Worst Aerosol

Description	Ethyl Benzene Lbs	% TCE	TCE Lbs	% Glycol Ethers	Glycol Ether Lbs	% Phenol	Phenol Lbs	% Formalde hyde	Formalde hyde Lbs	% Cumene	Cumene Lbs	% Hexane	Hexane Lbs	% Benzene	Benzene Lbs	% Methylene Chloride (MECL)	MECL Lbs	% PCE
	Lbs	79-01-6	Lbs	112-34-5	Lbs	108-95-2	Lbs	50-00-0	Lbs	98-82-8	Lbs	110-54-3	Lbs	71-43-2	Lbs	75-09-2	Lbs	127-18- 4
Paint Red Insulating Varnish SPRAY PAINT	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Beige light 12 oz/12 cs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Black Flat 12 oz/12 cs Sprayon 01602	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Gray Dark Eng. 12 oz/12 cs Sprayon 00325	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Gray Light 12oz/12 cs Spray-On	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, OSHA Gloss Black 1770	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAINT, SUEDE GRAY AEROSOL CAN	0.03		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
Paint, White Gloss 12oz/12 cs Spray-On	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Yellow OSHA Safety 12 oz/12 cs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Yellow OSHA Safety 12 oz/12 cs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAINT AEROSOL ENAMEL MACH LIGHT GRAY 12 OZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00	0.00	0.00	0.00
PAINT AEROSOL ENAMEL MAX-FLAT BLACK 12 OZ	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00	0.00	0.00	0.00
PAINT AEROSOL ENAMEL TRUE BLUE 12 OZ	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00	0.00	0.00	0.00
Worst Case Aerosol	0.03		0.00		0.00		0.00	I	0.00		0.00		0.00		0.00		0.00	

Worst Aerosol

Description	PCE Lbs	% Methanol	Methanol Lbs	% Naphthalen e	Naphthalen e Lbs	% Lead Compounds	Lead Lbs	% Triethyl Amine (TEA)	TEA Lbs	% Cobalt Com pounds	Cobalt Lbs	% Ethyl Acrylate	Ethyl Acrylate Lbs
	Lbs	67-56-1	Lbs	91-20-3	Lbs	various	Lbs	121-44-8	Lbs	various	Lbs	140-88-5	Lbs
Paint Red Insulating Varnish SPRAY PAINT	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Paint, Beige light 12 oz/12 cs	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Paint, Black Flat 12 oz/12 cs Sprayon 01602	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Paint, Gray Dark Eng. 12 oz/12 cs Sprayon 00325	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Paint, Gray Light 12oz/12 cs Spray-On	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, OSHA Gloss Black 1770	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
PAINT, SUEDE GRAY AEROSOL CAN	0.00		0.00		0.00		0.00		0.00		0.00		0.00
Paint, White Gloss 12oz/12 cs Spray-On	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paint, Yellow OSHA Safety 12 oz/12 cs	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
Paint, Yellow OSHA Safety 12 oz/12 cs	0.00	0.00	0.00	0.00	0.00	0.00	0.00						Í
PAINT AEROSOL ENAMEL MACH LIGHT GRAY 12 OZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00						í
PAINT AEROSOL ENAMEL MAX-FLAT BLACK 12 OZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
PAINT AEROSOL ENAMEL TRUE BLUE 12 OZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00						Í
Worst Case Aerosol	0.00		0.00		0.00		0.00		0.00		0.00		0.00

Worst Thinner

Item Number	Description	Qty Used	Units	Unit Weight	Percent Solids	Weight Solids	VOC	VOC Lbs	%XYL	XYL Lbs	% Tol	TOL Lbs	% Hex Di- Isocyanate (HDI)	HDI Lbs	% MIBK	MIBK Lbs	% Ethyl Benzene	Ethyl Benzene Lbs	% TCE
			UM	Lbs	%	Lbs	%	Lbs	1130-20-	Lbs	108-88-3	Lbs	822-06-0	Lbs	108-10-1	Lbs	100-41-4	Lbs	79-01-6
9M02-G	REDUCER, POT LIFE EXTENDER	1	GL	8.10	0.00	0.00	1.60	1.60		0.00		0.00		0.00		0.00		0.00	
47006881101	THINNER, 105	1	GL	6.78	0.00	0.00	5.40	5.40	8.00	0.54	19.00	1.29		0.00		0.00	2.00	0.14	
AUT#2	Thinner, AUT #2 Non-HAP	1	GL	7.34	0.00	0.00	92.00	6.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
68083	THINNER, DUPONT IMRON 68083	1	GL	7.53	0.00	0.00	7.50	7.50	10.00	0.75	0.30	0.02		0.00	0.00	0.00	40.00	3.01	0.00
47006830601	THINNER, DUPONT T-1021	1	GL	6.61	0.00	0.00	0.00	0.00		0.00		0.00		0.00		0.00		0.00	
47008526001	Thinner, Gavlon 5115N/C Primer	1	GL	6.90	0.00	0.00	6.90	6.90	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
Worst case Thinner			Lbs/Gal	8.10		0.00		7.50		0.75		1.29		0.00		0.00		3.01	

Worst Thinner

Description	TCE Lbs	% Glycol Ethers	Glycol Ether Lbs	% Phenol	Phenol Lbs	% Formald ehyde	Formald ehyde Lbs	% Cumene	Cumene Lbs	% Hexane	Hexane Lbs	% Benzene	Benzene Lbs	% Methylene Chloride (MECL)	MECL Lbs	% PCE	PCE Lbs	% Methanol	Methanol Lbs
	Lbs	112-34-5	Lbs	108-95-2	Lbs	50-00-0	Lbs	98-82-8	Lbs	110-54-3	Lbs	71-43-2	Lbs	75-09-2	Lbs	127-18-4	Lbs	67-56-1	Lbs
REDUCER, POT LIFE EXTENDER	0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
THINNER, 105	0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	50.00	3.39
Thinner, AUT #2 Non-HAP	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
THINNER, DUPONT IMRON 68083	0.00	50.00	3.77		0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
THINNER, DUPONT T-1021	0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00
Thinner, Gavlon 5115N/C Primer	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
iner	0.00		3.77		0.00		0.00		0.00		0.00		0.00		0.00		0.00		3.39

Worst Thinner

Description	% 1, 2, 4, Tri- Methyl Benzene (TMB)	TMB Lbs	% Naphthalene	Naphthalene Lbs	% Lead Compounds	Lead Lbs	% Triethyl Amine (TEA)	TEA Lbs	% Cobalt Com pounds	Cobalt Lbs	% Ethyl Acrylate	Ethyl Acrylate Lbs
	95-63-6	Lbs	91-20-3	Lbs	various	Lbs	121-44-8	Lbs	various	Lbs	140-88-5	Lbs
REDUCER, POT LIFE EXTENDER		0.00		0.00		0.00		0.00		0.00		0.00
THINNER, 105		0.00		0.00		0.00		0.00		0.00		0.00
Thinner, AUT #2 Non-HAP	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
THINNER, DUPONT IMRON 68083	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
THINNER, DUPONT T-1021		0.00		0.00		0.00		0.00		0.00		0.00
Thinner, Gavlon 5115N/C Primer	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
iner				0.00		0.00		0.00		0.00		0.00