Division for Air Quality

300 Sower Boulevard

Frankfort, KY 40601

(502) 564-3999

DEP7007AI

Administrative Information

___Section AI.1: Source Information

___Section AI.2: Applicant Information

___Section AI.3: Owner Information

___Section AI.4: Type of Application

___Section AI.5: Other Required Information

___Section AI.6: Signature Block

___Section AI.7: Notes, Comments, and Explanations

Additional Documentation

___ Additional Documentation attached

Source Name: **Kentucky Chrome Works, L.L.C.**

KY EIS (AFS) #: **21- 099-00018**

Permit #: **F-19-039**

Agency Interest (AI) ID: **108329**

Date: **9/26/2024**

Section AI.1: Source Information

Physical Location Address:	**Street:**	100 Bluegrass Avenue				
	City:	Horse Cave	**County:**	Hart	**Zip Code:**	42749
Mailing Address:	**Street or P.O. Box:**	100 Bluegrass Avenue				
	City:	Horse Cave	**State:**	Kentucky	**Zip Code:**	42749

Standard Coordinates for Source Physical Location

Longitude: 85.919669 (decimal degrees) **Latitude:** 37.165606 (decimal degrees)

Primary (NAICS) Category: ~~Electroplating,~~ Plating, Polishing, Anodizing, and Coloring **Primary NAICS #:** 332813

Classification (SIC) Category: Electroplating, Metal Finishing **Primary SIC #:** 3471

Briefly discuss the type of business conducted at this site: Buffing, Polishing, Chrome Plating and Paintiing of aluminum alloy wheels received from vendor for the automotive market

Description of Area Surrounding: ☐ Rural Area ☐ Industrial Park ☑ Residential Area

Source: Urban Area Industrial Area Commercial Area

Is any part of the source located on federal land? ☑ Yes ☐ No

Number of Employees: 60

Approximate distance to nearest residence or commercial property: *100 ft*

Property Area: **449,400 sq. ft.**

Is this source portable? Yes ☐ No ☑

What other environmental permits or registrations does this source currently hold or need to obtain in Kentucky?

NPDES/KPDES:	☑ Currently Hold	☐ Need	☐ N/A
Solid Waste:	☐ Currently Hold	☐ Need	☐ N/A
RCRA:	☐ Currently Hold	☐ Need	☐ N/A
UST:	☐ Currently Hold	☐ Need	☐ N/A

Type of Regulated Waste Activity:

☐ Mixed Waste Generator ☑ Generator ☐ Recycler ☐ Other: _____

☐ U.S. Importer of Hazardous Waste ☐ Transporter ☐ Treatment/Storage/Disposal Facility ☐ N/A

Section AI.2: Applicant Information

Applicant Name: Kentucky Chrome Works, L.L.C.

Title: (if individual)

Mailing Address:
Street or P.O. Box: 100 Bluegrass Avenue
City: Horse Cave **State:** Kentucky **Zip Code:** 42749

Email: (if individual)

Phone:

Technical Contact

Name: Tim Roy

Title: Environmental, Health and Safety Manager

Mailing Address:
Street or P.O. Box: 100 Bluegrass Avenue
City: Horse Cave **State:** Kentucky **Zip Code:** 42749

Email: tim@kentuckychromeworks.com

Phone: 270-786-2111 ext. 109

Air Permit Contact for Source

Name: Brian Rich

Title: General Manager

Mailing Address:
Street or P.O. Box: 100 Bluegrass Avenue
City: Horse Cave **State:** Kentucky **Zip Code:** 42749

Email: bob@kentuckychromeworks.com

Phone: 270-786-2111 ext. 109

Section AI.3: Owner Information

☑ **Owner same as applicant**

Name: _____

Title: _____

Mailing Address: **Street or P.O. Box:** _____

City: _____ **State:** _____ **Zip Code:** _____

Email: _____

Phone: _____

List names of owners and officers of the company who have an interest in the company of 5% or more.

Name	Position

Section AI.4: Type of Application

Current Status: ☐ Title V ☑ Conditional Major ☐ State-Origin ☐ General Permit ☐ Registration ☐ None

Requested Action: *(check all that apply)*

☐ Name Change	☐ Initial Registration	☐ Significant Revision	☐ Administrative Permit Amendment
☑ Renewal Permit	☐ Revised Registration	☐ Minor Revision	☐ Initial Source-wide OperatingPermit
☐ 502(b)(10)Change	☐ Extension Request	☐ Addition of New Facility	☐ Portable Plant Relocation Notice
☐ Revision	☐ Off Permit Change	☐ Landfill Alternate Compliance Submittal	☐ Modification of Existing Facilities
☐ Ownership Change	☐ Closure		

Requested Status: ☐ Title V ☑ Conditional Major ☐ State-Origin ☐ PSD ☐ NSR ☐ Other: _____

Is the source requesting a limitation of potential emissions? ☐ Yes ☑ No

Pollutant:	Requested Limit:	Pollutant:	Requested Limit:
☐ Particulate Matter		☐ Single HAP	
☐ Volatile Organic Compounds (VOC)		☐ Combined HAPs	
☐ Carbon Monoxide		☐ Air Toxics (40 CFR 68, Subpart F)	
☐ Nitrogen Oxides		☐ Carbon Dioxide	
☐ Sulfur Dioxide		☐ Greenhouse Gases (GHG)	
☐ Lead		☐ Other	

For New Construction:

Proposed Start Date of Construction: *(MM/YYYY)* _____

Proposed Operation Start-Up Date: *(MM/YYYY)* _____

For Modifications:

Proposed Start Date of Modification: *(MM/YYYY)* _____

Proposed Operation Start-Up Date: *(MM/YYYY)* _____

Applicant is seeking coverage under a permit shield. ☐ **Yes** ☑ **No**

Identify any non-applicable requirements for which permit shield is sought on a separate attachment to the application.

Section AI.5 Other Required Information

Indicate the documents attached as part of this application:

- ☐ DEP7007A Indirect Heat Exchangers and Turbines
- ☐ DEP7007B Manufacturing or Processing Operations
- ☐ DEP7007C Incinerators and Waste Burners
- ☐ DEP7007F Episode Standby Plan
- ☐ DEP7007J Volatile Liquid Storage
- ☐ DEP7007K Surface Coating or Printing Operations
- ☐ DEP7007L Mineral Processes
- ☐ DEP7007M Metal Cleaning Degreasers
- ☐ DEP7007N Source Emissions Profile
- ☐ DEP7007P Perchloroethylene Dry Cleaning Systems
- ☐ DEP7007R Emission Offset Credit
- ☐ DEP7007S Service Stations
- ☐ DEP7007T Metal Plating and Surface Treatment Operations
- ☐ DEP7007V Applicable Requirements and Compliance Activities
- ☐ DEP7007Y Good Engineering Practice and Stack Height Determination
- ☐ DEP7007AA Compliance Schedule for Non-complying Emission Units
- ☐ DEP7007BB Certified Progress Report
- ☐ DEP7007CC Compliance Certification
- ☑ DEP7007DD Insignificant Activities
- ☐ DEP7007EE Internal Combustion Engines
- ☐ DEP7007FF Secondary Aluminum Processing
- ☐ DEP7007GG Control Equipment
- ☐ DEP7007HH Haul Roads
- ☐ Confidentiality Claim
- ☐ Ownership Change Form
- ☐ Secretary of State Certificate
- ☐ Flowcharts or diagrams depicting process
- ☐ Digital Line Graphs (DLG) files of buldings, roads, etc.
- ☐ Site Map
- ☐ Map or drawing depicting location of facility
- ☐ Safety Data Sheet (SDS)
- ☐ Emergency Response Plan
- ☐ Other: _____

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. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the information is on knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false or incomplete information, including the possibility of fine or imprisonment.

Brian Rich	9/6/2024
Authorized Signature	**Date**
Brian Rich	General Manager
Type or Printed Name of Signatory	**Title of Signatory**

*Responsible official as defined by 401 KAR 52:001.

Section AI.7: Notes, Comments, and Explanations

This application is being submitted to renew the current air permit (F-019-039) which expires on January 25, 2025. There have been no process changes to require revision of any B, K, N, or T forms. A new DD form and POC form are included in this submission. If additional information is requested, please advise.

Division for Air Quality
300 Sower Boulevard
Frankfort, KY 40601
(502) 564-3999

DEP7007DD

Insignificant Activities

___Section DD.1: Table of Insignificant Activities
___Section DD.2: Signature Block
___Section DD.3: Notes, Comments, and Explanations

Source Name: **Kentucky Chrome Works, L.L.C.**

KY EIS (AFS) #: **21- 009-00018**

Permit #: **F-19-039**

Agency Interest (AI) ID: **108329**

Date: **9/6/2024**

Section DD.1: Table of Insignificant Activities

*Identify each activity with a unique Insignificant Activity number (IA #); for example: 1, 2, 3… etc.

Insignificant Activity #	Description of Activity including Rated Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions
Final Inspection	Cleaning of completed wheels and packing for shipment -	IA-001	401 KAR 59:010	0.568 tons per year
Wheel Wash #1	Automated wheel cleaning - 0.54 pounds of 2	IA-002	401 KAR 63:010	1.277 tons per year
Wheel Wash #2	Automated wheel cleaning - 0.54 pounds of 2	IA-003	401 KAR 63:010	1.2

Insignificant Activity #	Description of Activity including Rated Capacity	Serial Number or Other Unique Identifier	Applicable Regulation(s)	Calculated Emissions

Section DD.2: 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. BASED ON MY INQUIRY OF THOSE INDIVIDUALS WITH PRIMARY RESPONSIBILITY FOR OBTAINING THE INFORMATION, I CERTIFY THAT THE INFORMATION IS ON KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE OR INCOMPLETE INFORMATION, INCLUDING THE POSSIBILITY OF FINE OR IMPRISONMENT.

	Brian Rich	
	Authorized Signature	**Date**
By:		
	Brian Rich	General Manager
	Type/Print Name of Siguatory	**Title of Siguatory**

Section DD.3: Notes, Comments, and Explanations

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

Ethanol Plant

Name of Unit or Group: Emission Point 40
Description: York Shipley Boiler Model 560-SPH-175X-S150
SCC Code: 10200603
SCC Units: MCF

Installation Date: 2010
Max. Hourly Capacity: 7.382 MMBTU
Max. Yearly Capacity: 1.75MMBTU
Stack ID#: EP40

Stack Height (ft): 20
Stack Diameter (in): 36
Stack Gas Flowrate (acfm): 15,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP 40 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
Boiler	NA	NA	0.000190	0.76	PM	59:010	4.39	0.0001	0.000632	0.000632	0.000632
					SOX	59:010		0.0000	0.000000	0.000000	0.000000
					NOX	59:010	0.00	0.0000	0.000000	0.000000	0.000000
					VOC	59:010		0.0000	0.000000	0.000000	0.000000
					CO2	59:010		0.0000	0.000000	0.000000	0.000000
					CO	59:010		0.0000	0.000000	0.000000	0.000000
					TOC	59:010		0.0000	0.000000	0.000000	0.000000
					Methane	59:010		0.0000	0.000000	0.000000	0.000000
					Lead	59:010		0.0000	0.000000	0.000000	0.000000

Name of Unit or Group: Emission Point 04
Description: Copper Buffing
SCC Code: 39999999
SCC Units: Pounds of Compound

Installation Date: 1969
Max. Hourly Capacity: 2.32 pounds/hr
Max. Yearly Capacity: 10.16 tons/yr
Stack ID#: EP04

Stack Height (ft): 30
Stack Diameter (in): 24
Stack Gas Flowrate (acfm): 5,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP04 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Baghouse	80.00%	1.80	0.7	PM	59:010	2.34	0.2520	5.52	1.10	1.10
	Baghouse	80.00%	1.80	0.10	Triethanol Amin	59:010	2.34	0.0360	0.79	0.16	0.16
	Baghouse	80.00%	1.80	0.20	Fatty Acid/Wax	59:010	2.34	0.0720	1.58	0.32	0.32

Name of Unit or Group: Emission Point 05
Description: Copper Buffing
SCC Code: 39999999
SCC Units: Pounds of Compound

Installation Date: 1969
Max. Hourly Capacity: 2.32 pounds/hr
Max. Yearly Capacity: 10.16 tons/yr
Stack ID#: EP05

Stack Height (ft): 30
Stack Diameter (in): 24
Stack Gas Flowrate (acfm): 5,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP05 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Baghouse	80.00%	1.80	0.7	PM	59:010	2.34	0.2520	5.52	1.10	1.10
	Baghouse	80.00%	1.80	0.10	Triethanol Amin	59:010	2.34	0.0360	0.79	0.16	0.16
	Baghouse	80.00%	1.80	0.20	Fatty Acid/Wax	59:010	2.34	0.0720	1.58	0.32	0.32

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

Name of Unit or Group: Emission Point 06
Description: Manual Spray Booth
SCC Code: 40299998
SCC Units: Pounds of Paint
Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP06
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP06 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2 butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Name of Unit or Group: Emission Point 07
Description: Manual Spray Booth
SCC Code: 40299998
SCC Units: Pounds of Paint
Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP07
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP07 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2 butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Name of Unit or Group: Emission Point 08
Description: Manual Spray Booth
SCC Code: 40299998
SCC Units: Pounds of Paint
Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP08
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP08 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2 butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

Name of Unit or Group: Emission Point 09
Description: Manual Spray Booth
SCC Code: 40299998
SCC Units: Pounds of Paint

Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP09

Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP09 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2-butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Name of Unit or Group: Emission Point 10
Description: Paint Shield Wash Unit
SCC Code: 36666665
SCC Units: Gallons (Acetone)

Installation Date: 1977
Max. Hourly Capacity: 0.08 pounds/hr
Max. Yearly Capacity: 700.8 pounds/yr
Stack ID#: EP10

Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP10 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
		0.00%	0.08	6.6	Acetone	59:010	22.83	0.5280	2.31	2.31	2.31
		0.00%	0.08	0.08	PM	59:010	2.34	0.0064	0.03	0.03	0.03

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

Name of Unit or Group: Emission Point 11
Description: Manual Spray Booth
SCC Code: 40299998
SCC Units: Pounds of Paint
Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP11
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP11 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2 butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Name of Unit or Group: Emission Point 20
Description: Cass Test Unit
SCC Code: 40299998
SCC Units: Pounds Used
Installation Date: 2012
Max. Hourly Capacity: 0.00000001 mmscf/hr and 0.0012 mmscf/hr
Max. Yearly Capacity: 0.000085 mmscf/yr and 0.445 mmscf/yr
Stack ID#: EP20
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP20 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
		0.00%	1.00	0.1	Acetic Acid	59:010	2.34	0.1000	0.44	0.44	0.44

Name of Unit or Group: Emission Point 20
Description: Drying Oven #1
SCC Code: 40299998
SCC Units: Pounds Paint Used
Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP20
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP20 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2 butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Name of Unit or Group: Emission Point 21
Description: Drying Oven #2
SCC Code: 40299998
SCC Units: Pounds Paint Used
Installation Date: 1977
Max. Hourly Capacity: 121.52 pounds/hr
Max. Yearly Capacity: 532.25 tons/yr
Stack ID#: EP20
Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 500
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP21		%	Maximum Hourly	emission			Allowable w/units	Controlled	Tons per Year: Maximum	Tons per Year: Maximum	

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

Description: 401 KAR 59:010	Control Device	Efficiency	Capacity SCC unit/hr	factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	(lb/hr) or (lb/MMBTU)	lb/hr Maximum	Uncontrolled Emissions	Controlled Emissions	Emission *Potential
	Filter	98.00%	121.52	0.4	PM	59:010	2.34	0.9722	212.90	4.26	4.26
	Filter	98.00%	121.52	0.2	2 butoxyethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.2	2-prop - ethanol	59:010	2.34	0.4861	106.45	2.13	2.13
	Filter	98.00%	121.52	0.13	BBP	59:010	2.34	0.3160	69.19	1.38	1.38

Name of Unit or Group: Emission Point 22
Description: Grinding Booth
SCC Code: 39999999
SCC Units: Pounds of Compound

Installation Date: 2007
Max. Hourly Capacity: 2.32 pounds/hr
Max. Yearly Capacity: 10.16 tons/yr
Stack ID#: EP22

Stack Height (ft): 30
Stack Diameter (in): 24
Stack Gas Flowrate (acfm): 5,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP22 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	99.00%	1.80	0.7	PM	59:010	2.34	0.0126	5.52	0.06	0.06
	Filter	99.00%	1.80	0.10	Triethanol Amin	59:010	2.34	0.0018	0.79	0.01	0.01
	Filter	99.00%	1.80	0.20	Fatty Acid/Wax	59:010	2.34	0.0036	1.58	0.02	0.02

Name of Unit or Group: Emission Point 23
Description: Grinding Booth
SCC Code: 39999999
SCC Units: Pounds of Compound

Installation Date: 2007
Max. Hourly Capacity: 2.32 pounds/hr
Max. Yearly Capacity: 10.16 tons/yr
Stack ID#: EP23

Stack Height (ft): 30
Stack Diameter (in): 24
Stack Gas Flowrate (acfm): 5,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Permit EU # (Application #): EP23 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
	Filter	99.00%	1.80	0.7	PM	59:010	2.34	0.0126	5.52	0.06	0.06
	Filter	99.00%	1.80	0.10	Triethanol Amin	59:010	2.34	0.0018	0.79	0.01	0.01
	Filter	99.00%	1.80	0.20	Fatty Acid/Wax	59:010	2.34	0.0036	1.58	0.02	0.02

Name of Unit or Group: Emission Point 53
Description: Final Inspection
SCC Code: 39999995
SCC Units: Gallons

Installation Date: 2010
Max. Hourly Capacity: 0.36 pounds/hr
Max. Yearly Capacity: 0.118 tons/yr
Stack ID#: EP53

Stack Height (ft):
Stack Diameter (in):
Stack Gas Flowrate (acfm):
Stack Gas Temperature (deg.F):

Notes:

Permit EU # (Application #): EP53 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
		0.00%	0.36	0.36	Acetone			3.015	0.568	0.568	0.568

Name of Unit or Group: Emission Point 54
Description: Wheel Wash Unit #1 & #2

Installation Date: 2010
Max. Hourly Capacity: 0.27 pounds/hr

Stack Height (ft): 26
Stack Diameter (in): 2

Facility Name:Kentucky Chrome Works Date: October 10, 2014											
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing Activity#: APE20100002 KY Facility Identification #: 21-099-00018											
SCC Code: 39999995 SCC Units: Gallons			Max. Yearly Capacity: 1.58 tons/yr Stack ID#: EP54					Stack Gas Flowrate (acfm): 7,500 Stack Gas Temperature (deg.F): 180			
Notes:											
Permit EU # (Application #): EP 54 Description:	Control Device	% Efficiency	Maximum Hourly Capacity	emission factor	Pollutant	Applicable	Allowable w/units (lb/hr) or	Controlled lb/hr	Tons per Year Maximum Uncontrolled	Maximum Controlled	Emission

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

401 KAR 63:010			SCC unit/hr	lb/SCC unit	(CAS #)	Regulation	(lb/MMBTU)	Maximum	Emissions	Emissions	*Potential
		0.00%	0.54	0.54	2 butoxyethanol			3.015	1.277	1.277	1.277

Name of Unit or Group: Emission Point 55
Description: Wheel Blast Unit #1
SCC Code: 40299998
SCC Units: Pounds Used
Installation Date: 2010
Max. Hourly Capacity: 1.98 pounds/hr
Max. Yearly Capacity: 15.45 tons/yr
Stack ID#: EP55

Permit EU # (Application #): EP 55 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
		99.00%	1.98	1.98	PM	59:010	2.34	0.0392	17.17	0.17	0.17

Name of Unit or Group: Emission Point 56
Description: Wheel Blast Unit #2
SCC Code: 39999995
SCC Units: Gallons
Installation Date: 2010
Max. Hourly Capacity: 1.98 pounds/hr
Max. Yearly Capacity: 15.45 tons/yr
Stack ID#: EP56

Notes:

Permit EU # (Application #): EP 56 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year: Maximum Uncontrolled Emissions	Tons per Year: Maximum Controlled Emissions	Tons per Year: Emission *Potential
		99.00%	1.98	1.98	PM	59:010	2.34	0.0392	17.17	0.17	0.17

Name of Unit or Group: Emission Point 59
Description: Wheel Wash Unit #1 & #2
SCC Code: 39999995
SCC Units: Pounds
Installation Date: 2010
Max. Hourly Capacity: 0.5 pounds/hr
Max. Yearly Capacity: 2.198 tons/yr
Stack ID#: EP59
Stack Height (ft): 26
Stack Diameter (in): 2
Stack Gas Flowrate (acfm): 7,500
Stack Gas Temperature (deg.F): 180

Notes:

Permit EU # (Application #): EP 59 Description:	Control Device	% Efficiency	Maximum Hourly Capacity	emission factor	Pollutant	Applicable	Allowable w/units (lb/hr) or	Controlled lb/hr	Tons per Year: Maximum Uncontrolled	Tons per Year: Maximum Controlled	Tons per Year: Emission

Facility Name:Kentucky Chrome Works Date: October 10, 2014
Facility AI#: 1780 Primary SIC# : 3471, Electroplating, Metal Finishing
Activity#: APE20100002 KY Facility Identification #: 21-099-00018

401 KAR 59:010			SCC unit/hr	lb/SCC unit	(CAS #)	Regulation	(lb/MMBTU)	Maximum	Emissions	Emissions	*Potential
		80.00%	0.50	0.5	PM	59:010	2.34	0.0500	1.10	0.22	0.22

Name of Unit or Group: Emission Point 46
Description: Chrome Plate
SCC Code: 39999999
SCC Units: Pounds

Installation Date: 2010
Max. Hourly Capacity: 2.75 pounds/hr
Max. Yearly Capacity: 10.249 tons/yr
Stack ID#: EP46

Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 5,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP 46 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year Maximum Uncontrolled Emissions	Maximum Controlled Emissions	Emission *Potential
		99.00%	2.75	0.096	Chromium 6	59:010	2.34	0.0026	1.16	0.01	0.01

Name of Unit or Group: Emission Point 46
Description: Chrome Plate
SCC Code: 39999999
SCC Units: Pounds

Installation Date: 2010
Max. Hourly Capacity: 2.75 pounds/hr
Max. Yearly Capacity: 10.249 tons/yr
Stack ID#: EP46

Stack Height (ft): 30
Stack Diameter (in): 18
Stack Gas Flowrate (acfm): 5,000
Stack Gas Temperature (deg.F): 68 (Ambient)

Notes:

Permit EU # (Application #): EP 46 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year Maximum Uncontrolled Emissions	Maximum Controlled Emissions	Emission *Potential
		99.00%	2.75	0.049	Sulfuric Acid	59:010	2.34	0.0013	0.59	0.01	0.01

Name of Unit or Group: Emission Point 50
Description: Micropourous Nickel
SCC Code: 39999995
SCC Units: Pounds

Installation Date: 2010
Max. Hourly Capacity: 2.75 pounds/hr
Max. Yearly Capacity: 10.249 tons/yr
Stack ID#: EP50

Stack Height (ft): 26
Stack Diameter (in): 2
Stack Gas Flowrate (acfm): 7,500
Stack Gas Temperature (deg.F): 180

Notes:

Permit EU # (Application #): EP 50 Description: 401 KAR 59:010	Control Device	% Efficiency	Maximum Hourly Capacity SCC unit/hr	emission factor lb/SCC unit	Pollutant (CAS #)	Applicable Regulation	Allowable w/units (lb/hr) or (lb/MMBTU)	Controlled lb/hr Maximum	Tons per Year Maximum Uncontrolled Emissions	Maximum Controlled Emissions	Emission *Potential