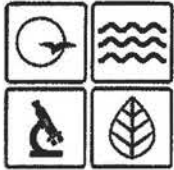


2023 SEP 14 AM 11:01

AIR POLLUTION
CONTROL PGM

NO PYMT RCVD 9-14-23



MISSOURI DEPARTMENT OF NATURAL RESOURCES AIR
POLLUTION CONTROL PROGRAM
APPLICATION FOR AUTHORITY TO OPERATE

FOR OFFICE USE ONLY

FILING FEE

CHECK NUMBER

CHECK RECEIVED

CHECK AMOUNT

CHECK DATE

PROJECT NUMBER

Note: Please read all instructions to complete forms properly

Mail completed application to: AIR POLLUTION CONTROL PROGRAM
P.O. BOX 176
JEFFERSON CITY, MO 65102

FORM OP-A01 – GENERAL APPLICATION INFORMATION

All applications must be accompanied by a filing fee. The amount of the filing fee shall be as indicated in 10 CSR 10-6.065(5)(B)1.D or 10 CSR 10-6.065(4)(B)1.D.

1. OWNER/OPERATOR NAME HUTCHENS INDUSTRIES, INC. MANSFIELD FACILITY FIPS 229 PLANT NUMBER 0001 YEAR SUBMITTED 2023

OWNER/OPERATOR MAILING ADDRESS P.O. Box 137 OWNER/OPERATOR TELEPHONE NUMBER WITH AREA CODE 417-935-2276

CITY OF MAILING ADDRESS Mansfield STATE MO ZIP CODE 65704 MO SENATORIAL DISTRICT NUMBER 16

OWNER/OPERATOR CONTACT PERSON Kevin Dobson MO REPRESENTATIVE DISTRICT NUMBER 141

OWNER/OPERATOR CONTACT'S TITLE HR Director EMAIL OF CONTACT PERSON FOR OWNER/OPERATOR kdobson@hutchensindustries.com

2. INSTALLATION'S NAME (IF DIFFERENT) HUTCHENS INDUSTRIES, INC. INSTALLATION STREET ADDRESS 898 East Commercial

INSTALLATION CITY Mansfield STATE MO ZIP CODE 65704 COUNTY OF INSTALLATION Wright

INSTALLATION MAILING ADDRESS (IF DIFFERENT) INSTALLATION CITY FOR MAILING ADDRESS

STATE ZIP CODE INSTALLATION TELEPHONE NUMBER WITH AREA CODE 417-935-2276

INSTALLATION CONTACT PERSON Kevin Dobson TITLE OF CONTACT PERSON HR Director EMAIL OF CONTACT PERSON FOR INSTALLATION kdobson@hutchensindustries.com

3. TYPE OF APPLICATION

☒ PART 70 (MAJOR)

☐ INITIAL ☐ OFF-PERMIT CHANGE ☐ MINOR MODIFICATION
☒ RENEWAL ☐ ADMINISTRATIVE AMENDMENT ☐ SIGNIFICANT MODIFICATION

☐ INTERMEDIATE STATE

☐ INITIAL ☐ RENEWAL ☐ AMENDMENT

4. APPLICANT'S CERTIFICATION STATEMENT

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

SIGNATURE OF RESPONSIBLE OFFICIAL DATE 9/11/2023

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL Kevin Dobson TELEPHONE NUMBER WITH AREA CODE OF OFFICIAL 417-924-9317

OFFICIAL TITLE OF RESPONSIBLE OFFICIAL HR Director RESPONSIBLE OFFICIAL'S EMAIL kdobson@hutchensindustries.com



Environmental Works, Inc.

RECEIVED

2023 SEP 14 AM 11:00

AIR POLLUTION
CONTROL PGM

September 5, 2023

Missouri Department of Natural Resources
Air Pollution Control Program
PO Box 176
Jefferson City, MO 65102-0176

**RE: Hutchens Industries, Inc. Mansfield Facility, 0229-0001
Operating Permit Renewal**

Dear Unit Chief:

On behalf of our client, Hutchens Industries, Inc., Environmental Works, Inc. ("EWI") is submitting t his Application for a renewal of the existing Operating Permit OP2019-011.

Should you have comments or questions, please contact me by phone (417.890.9500) or email (mboone@environmentalworks.com).

Sincerely,

ENVIRONMENTAL WORKS, INC.

Marci Boone

Operations Manager – Compliance

cc: Ms. Cassandra Bell, Environmental Works, Inc.
Mr. Kevin Dobson, Hutchens Industries, Inc.
Mr. Wayne Loper, Hutchens Industries, Inc.

LOCATIONS ACROSS THE CENTRAL US

1455 E. Chestnut Expressway, Springfield, MO 65802 | 417.890.9500 | www.environmentalworks.com

FORM OP-A02 – APPLICATION FOR AUTHORITY TO OPERATE

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

1. LIST THE INSTALLATION'S PRINCIPAL PRODUCT(S)

PRINCIPAL PRODUCT(S)	TWO-DIGIT SIC CODE
TRAILER SUSPENSION	3715

2. LIST ALL OF THE INSTALLATION'S PROCESSES

PROCESSES	TWO-DIGIT SIC CODE

3. HAS THE INSTALLATION SUBMITTED AN EMISSION INVENTORY QUESTIONNAIRE (EIQ) IN THE PAST FIVE YEARS?

☒ YES ☐ NO If no, submit one copy of a completed EIQ with this application and complete the table below.

If no, indicate the number of each EIQ form submitted with this operating permit application.

	1.1	Process flow diagram		2.3	VOC process mass-balance worksheet
	1.2	Summary of emission points		2.4	Petroleum loading worksheet
	2.0	Emission point information		2.5	Organic liquid storage-fixed roof tank
	2.0C	Control device information		2.5L	General liquid storage tank information
	2.0P	Portable plant information		2.6	Organic liquid storage-floating roof tank
	2.0S	Stack information		2.7	Haul road fugitive emissions worksheet
	2.0Z	Ozone season information		2.8	Storage pile worksheet
	2.1	Fuel combustion worksheet		2.9	Stack test/CEMS worksheet
	2.2	Incinerator worksheet		2.T	Hazardous air pollutant worksheet

4. INDICATE THE NUMBER OF EACH APPLICATION FORM, LISTED BELOW, INCLUDED WITH THIS APPLICATION

1	C01	Insignificant activities required to be listed		D03.20	Combustion turbines and internal combustion engines
1	D01	Existing plant-wide conditions	6	D03.30	Spray booths
1	D02	Proposed plant-wide conditions		D04	Alternate operating scenario/voluntary conditions
7	D03.00	General emission unit		D05	Compliance determination methods
4	D03.10	Boilers, furnaces, and other indirect heating sources		F01	General comments

FORM OP-A03 – FILING FEE CALCULATION

INSTALLATION NAME Hutchens Industries, Inc.	FIPS 229	PLANT NUMBER 0001	YEAR SUBMITTED 2023
---	-------------	----------------------	------------------------

Note: A filing fee is only required for initial and renewal applications.

1. BASE FEE

NUMBER OF EMISSION UNITS	BASE FEE
0 to 30	\$750
31 to 60	\$1,000
61 to 90	\$1,250
Over 91	\$1,500

2. COMPLEXITY FEE

COMPLEXITY CATEGORY	CALCULATION				
	NUMBER PER INSTALLATION	X	FEE	=	ADDITIONAL COMPLEXITY FEE SUBTOTAL
New Source Performance Standard (NSPS)		X	\$1,000	=	
Maximum Achievable Control Technology (MACT) Standards		X	\$1,500	=	
National Emission Standards for HAPs (NESHAPs)	2	X	\$1,500	=	3000
Compliance Assurance Monitoring (CAM)		X	\$1,000	=	
Confidentiality Request		X	\$500	=	
Acid Rain		X	\$500	=	
TOTAL ADDITIONAL COMPLEXITY FEE:					

3. FILING FEE

BASE FEE (\$)	+	COMPLEXITY FEE (\$)	=	FILING FEE (\$) NOT TO EXCEED \$6,000
750	+	3000		3750

FORM OP-B01 - APPLICABLE REQUIREMENTS CHECKLIST

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

Entire State of Missouri

(NOTE: ALL installations must submit a FORM OP-B01)

1. STATE ADMINISTRATIVE PERMIT REQUIREMENTS

APPLICABILITY			REGULATION
YES	NO	REASON	
	X	J	10 CSR 10-6.010 Ambient Air Quality Standards ¹
X		J	10 CSR 10-6.020 Definitions and Common Reference Tables ¹
X		J	10 CSR 10-6.030 Sampling Methods for Air Pollution Sources ¹
	X	J	10 CSR 10-6.040 Reference Methods ¹

2. CORE PERMIT REQUIREMENTS

10 CSR 10-6.045	Open Burning Requirements ¹
10 CSR 10-6.050	Start-Up, Shutdown, and Malfunction Conditions ¹
10 CSR 10-6.060	Construction Permits Required ¹
10 CSR 10-6.065	Operating Permits ¹
10 CSR 10-6.110	Reporting Emission Data, Emission Fees, and Process Information ¹
10 CSR 10-6.130	Controlling Emissions During Episodes of High Air Pollution Potential ¹
10 CSR 10-6.140	Restriction of Emissions Credit for Reduced Pollutant Concentrations From the Use of Dispersion Techniques ¹
10 CSR 10-6.150	Circumvention ¹
10 CSR 10-6.165	Restriction of Emission of Odors ²
10 CSR 10-6.170	Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin ¹
10 CSR 10-6.180	Measurement of Emissions of Air Contaminants ¹
10 CSR 10-6.210	Confidential Information ¹
10 CSR 10-6.230	Administrative Penalties ²
10 CSR 10-6.250	Asbestos Projects-Certification, Accreditation, and Business Exemption Requirements ²
10 CSR 10-6.280	Compliance Monitoring Usage ¹

3. STATE APPLICABLE REQUIREMENTS

APPLICABILITY			REGULATION
YES	NO	REASON	
	X	G	10 CSR 10-6.070 New Source Performance Regulations (NOTE: If yes, check specific subpart on FORM OP-B02) ²
X			10 CSR 10-6.075 MACT Regulations (NOTE: If yes, check specific subpart on FORM OP-B03) ²
	X		10 CSR 10-6.080 Emission Standards for HAPs (NOTE: If yes, check specific subpart on FORM OP-B04) ²
	X	G	10 CSR 10-6.090 Restriction of Emission of Fluorides From Primary Aluminum Reduction Installations ¹
	X	G	10 CSR 10-6.120 Restriction of Emissions of Lead From Specific Lead Smelter-Refinery Installations ¹
	x	G	10 CSR 10-6.161 Commercial and Industrial Solid Waste Incinerators ¹
	x	G	10 CSR 10-6.191 Sewage Sludge Incinerators ¹
	x	G	10 CSR 10-6.200 Hospital, Medical, Infectious Waste Incinerators ¹
x			10 CSR 10-6.220 Restriction of Emission of Visible Air Contaminants ¹
	X	G	10 CSR 10-6.241 Asbestos Projects-Registration, Abatement, Notification, Inspection, Demolition, and Performance Requirements ²
	x	G	10 CSR 10-6.260 Restriction of Emissions of Sulfur Compounds ³
	x	G	10 CSR 10-6.261 Control of Sulfur Dioxide Emissions ²
	X	G	10 CSR 10-6.270 Acid Rain Source Permits Required (NOTE: If applicable, submit an acid rain permit application) ²
	x	G	10 CSR 10-6.310 Restriction of Emissions From Municipal Solid Waste Landfills ¹
	x	G	10 CSR 10-6.330 Restriction of Emissions From Batch-Type Charcoal Kilns ¹
	x	G	10 CSR 10-6.350 Emission Limitations and Emissions Trading of Oxides of Nitrogen ³
	X	G	10 CSR 10-6.360 Control of NOx Emissions From Electric Generating Units and Non-Electric Generating Boilers ³
	X	G	10 CSR 10-6.364 CAIR Seasonal NOx Trading Program ³
	X	G	10 CSR 10-6.372 CSAPR NOx Annual Trading Program ¹
	X	G	10 CSR 10-6.374 CSAPR NOx Ozone Season Group 2 Trading Program ¹

FORM OP-B01 - APPLICABLE REQUIREMENTS CHECKLIST

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

Entire State of Missouri

(NOTE: ALL installation must submit a FORM OP-B01)

3. STATE APPLICABLE REQUIREMENTS

APPLICABILITY			REGULATION	
YES	NO	REASON		
	X	G	10 CSR 10-6.376	CSAPR Annual SO ₂ Group 1 Trading Program ¹
	x	G	10 CSR 10-6.380	Control of NOx Emissions From Portland Cement Kilns ¹
	X	G	10 CSR 10-6.390	Control of NOx Emissions From Large Stationary Internal Combustion Engines ¹
X			10 CSR 10-6.400	Restriction of Emission of Particulate Matter From Industrial Processes ¹
	X	G	10 CSR 10-6.405	Restriction of Particulate Matter Emissions from Fuel Burning Equipment Used for Indirect Heating ¹
	x	G	10 CSR 10-6.410	Emissions Banking and Trading ¹

¹Federally and state enforceable.

²State enforceable only.

³Federally enforceable only.

FORM OP-B03 – APPLICABLE REQUIREMENTS CHECKLIST

INSTALLATION NAME Hutchens Industries, Inc.	FIPS 229	PLANT NUMBER 0001	YEAR SUBMITTED 2023
---	--------------------	-----------------------------	-------------------------------

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations

(NOTE: If checked yes on FORM OP-B01 for 10 CSR 10-6.075, please identify the specific subpart(s). If checked no, this form does not need to be submitted.)

APPLICABILITY			40 CFR PART 63, SUBPART	
YES	NO	REASON		
	x	H	A	General Provisions ¹
	X	H	B	Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act §112(g) and §112(j) ²
	x	H	C	List of HAPs, Petitions Process, Lesser Quantity Designations, Source Category List ²
	x	H	D	Regulations Governing Compliance Extensions for Early Reductions of HAPs ²
	x	H	E	Approval of State Programs and Delegation of Federal Authorities ²
	x	H	F	National Emission Standards for SO ₂ and Organic HAPs ¹
	X	H	G	National Emission Standards for Organic HAPs From SO ₂ Process Vents, Storage Vessels, Transfer Operations, and Wastewater ¹
	x	H	H	National Emission Standards for Organic HAPs for Equipment Leaks ¹
	X	H	I	National Emission Standards for Organic HAPs for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks ¹
	x	H	J	NESHAP for Polyvinyl Chloride and Copolymers Production ²
	x	H	L	National Emission Standards for Coke Oven Batteries ¹
	x	H	M	National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities ¹
	X	H	N	National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks ¹
	x	H	O	Ethylene Oxide Emissions Standards for Sterilization Facilities ¹
	x	H	Q	NESHAP for Industrial Process Cooling Towers ¹
	X	H	R	National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) ¹
	x	H	S	NESHAP for the Pulp and Paper Industry ¹
	x	H	T	National Emission Standards for Halogenated Solvent Cleaning ¹
	x	H	U	NESHAP: Group I Polymers and Resins ¹
	x	H	W	NESHAP for Epoxy Resins Production and Non-Nylon Polyamides Production ¹
	x	H	X	NESHAP for Secondary Lead Smelting ¹
	x	H	Y	National Emission Standards for Marine Tank Vessel Loading Operations ¹
	x	H	AA	NESHAP for Phosphoric Acid Manufacturing Plants ¹
	x	H	BB	NESHAP for Phosphate Fertilizers Production Plants ¹
	x	H	CC	NESHAP for Petroleum Refineries ¹
	x	H	DD	NESHAP for Off-Site Waste and Recovery Operations ¹
	x	H	EE	National Emission Standards for Magnetic Tape Manufacturing Operations ¹
	x	H	GG	National Emission Standards for Aerospace Manufacturing and Rework Facilities ¹
	x	H	HH	NESHAP for Oil and Natural Gas Production Facilities ¹
	x	H	II	National Emission Standards for Shipbuilding and Ship Repair (Surface Coating) ¹
	x	H	JJ	National Emission Standards for Wood Furniture Manufacturing Operations ¹
	x	H	KK	National Emission Standards for the Printing and Publishing Industry ¹
	x	H	LL	NESHAP for Primary Aluminum Reduction Plants ¹
	X	H	MM	NESHAP for Chemical Recovery Combustion Sources at Kraft Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills ¹
	x	H	NN	NESHAP for Wool Fiberglass Manufacturing at Area Sources ¹
	x	H	OO	National Emission Standards for Tanks – Level 1 ¹
	x	H	PP	National Emission Standards for Containers ¹
	x	H	QQ	National Emission Standards for Surface Impoundments ¹
	x	H	RR	National Emission Standards for Individual Drain Systems ¹
	X	H	SS	National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process ¹
	x	H	TT	National Emission Standards for Equipment Leaks – Control Level 1 ¹
	x	H	UU	National Emission Standards for Equipment Leaks – Control Level 2 ¹
	x	H	VV	National Emission Standards for Oil-Water Separators and Organic-Water Separators ¹
	x	H	WW	National Emission Standards for Storage Vessels (Tanks) – Control Level 2 ¹
	X	H	XX	National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations ¹

FORM OP-B03 – APPLICABLE REQUIREMENTS CHECKLIST

INSTALLATION NAME Hutchens Industries, Inc.	FIPS 229	PLANT NUMBER 0001	YEAR SUBMITTED 2023
---	--------------------	-----------------------------	-------------------------------

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations

(NOTE: If checked yes on FORM OP-B01 for 10 CSR 10-6.075, please identify the specific subpart(s). If checked no, this form does not need to be submitted.)

APPLICABILITY			40 CFR PART 63, SUBPART	
YES	NO	REASON		
	X	H	YY	NESHAP for Source Categories: Generic Maximum Achievable Control Technology Standards ¹
	X	H	CCC	NESHAP for Steel Pickling – HCl Process Facilities and Hydrochloric Acid Regeneration Plants ¹
	X	H	DDD	NESHAP for Mineral Wool Production ¹
	X	H	EEE	NESHAP for Hazardous Waste Combustors ¹
	X	H	GGG	National Emission Standards for Pharmaceuticals Production ¹
	X	H	HHH	NESHAP for Natural Gas Transmission and Storage Facilities ¹
	X	H	III	NESHAP for Flexible Polyurethane Foam Production ¹
	X	H	JJJ	NESHAP: Group IV Polymers and Resins ¹
	X	H	LLL	NESHAP for the Portland Cement Manufacturing Industry ¹
	X	H	MMM	NESHAP for Pesticide Active Ingredient Production ¹
	X	H	NNN	NESHAP for Wool Fiberglass Manufacturing ¹
	X	H	OOO	NESHAP: Manufacture of Amino/Phenolic Resins ¹
	X	H	PPP	NESHAP for Polyether Polyols Production ¹
	X	H	QQQ	NESHAP for Primary Copper Smelting ¹
	X	H	RRR	NESHAP for Secondary Aluminum Production ¹
	X	H	TTT	NESHAP for Primary Lead Smelting ¹
	X	H	UUU	NESHAP for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units ¹
	X	H	VVV	NESHAP: Publicly Owned Treatment Works ¹
	X	H	XXX	NESHAP for Ferroalloys Production: Ferromanganese and Silicomanganese ¹
	X	H	AAAA	NESHAP: Municipal Solid Waste Landfills ¹
	X	H	CCCC	NESHAP: Manufacturing of Nutritional Yeast ¹
	X	H	DDDD	NESHAP: Plywood and Composite Wood Products ¹
	X	H	EEEE	NESHAP: Organic Liquids Distribution (Non-Gasoline) ¹
	X	H	FFFF	NESHAP: Miscellaneous Organic Chemical Manufacturing ¹
	X	H	GGGG	NESHAP: Solvent Extraction for Vegetable Oil Production ¹
	X	H	HHHH	NESHAP for Wet-Formed Fiberglass Mat Production ¹
	X	H	IIII	NESHAP: Surface Coating of Automobiles and Light-Duty Trucks ¹
	X	H	JJJJ	NESHAP: Paper and Other Web Coating ¹
	X	H	KKKK	NESHAP: Surface Coating of Metal Cans ¹
	X	H	MMMM	NESHAP for Surface Coating of Miscellaneous Metal Parts and Products ¹
	X	H	NNNN	NESHAP: Surface Coating of Large Appliances ¹
	X	H	OOOO	NESHAP: Printing, Coating, and Dyeing of Fabrics and Other Textiles ¹
	X	H	PPPP	NESHAP for Surface Coating of Plastic Parts and Products ¹
	X	H	QQQQ	NESHAP: Surface Coating of Wood Building Products ¹
	X	H	RRRR	NESHAP: Surface Coating of Metal Furniture ¹
	X	H	SSSS	NESHAP: Surface Coating of Metal Coil ¹
	X	H	TTTT	NESHAP for Leather Finishing Operations ¹
	X	H	UUUU	NESHAP for Cellulose Products Manufacturing ¹
	X	H	VVVV	NESHAP for Boat Manufacturing ¹
	X	H	WWWW	NESHAP: Reinforced Plastic Composites Production ¹
	X	H	XXXX	NESHAP: Rubber Tire Manufacturing ¹
	X	H	YYYY	NESHAP for Stationary Combustion Turbines ¹
	X	H	ZZZZ	NESHAP for Stationary Reciprocating Internal Combustion Engines ³
	X	H	AAAAA	NESHAP for Lime Manufacturing Plants ¹
	X	H	BBBBB	NESHAP for Semiconductor Manufacturing ¹
	X	H	CCCCC	NESHAP for Coke Ovens: Pushing, Quenching, and Battery Stacks ¹
	X	H	DDDDD	NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters ¹
	X	H	EEEEE	NESHAP for Iron and Steel Foundries ¹
	X	H	FFFFF	NESHAP for Integrated Iron and Steel Manufacturing Facilities ¹
	X	H	GGGGG	NESHAP: Site Remediation ¹
	X	H	HHHHH	NESHAP: Miscellaneous Coating Manufacturing ¹

FORM OP-B03 – APPLICABLE REQUIREMENTS CHECKLIST

INSTALLATION NAME Hutchens Industries, Inc.	FIPS 229	PLANT NUMBER 0001	YEAR SUBMITTED 2023
---	--------------------	-----------------------------	-------------------------------

10 CSR 10-6.075 Maximum Achievable Control Technology Regulations

(NOTE: If checked yes on FORM OP-B01 for 10 CSR 10-6.075, please identify the specific subpart(s). If checked no, this form does not need to be submitted.)

APPLICABILITY			40 CFR PART 63, SUBPART	
YES	NO	REASON		
	X	H	IIIII	NESHAP for Mercury Cell Chlor-Alkali Plants ¹
	X	H	JJJJJ	NESHAP for Brick and Structural Clay Products Manufacturing ¹
	X	H	KKKKK	NESHAP for Clay Ceramics Manufacturing ¹
	X	H	LLLLL	NESHAP: Asphalt Processing and Asphalt Roofing Manufacturing ¹
	X	H	MMMMM	NESHAP: Flexible Polyurethane Foam Fabrication Operations ¹
	X	H	NNNNN	NESHAP: Hydrochloric Acid Production ¹
	X	H	PPPPP	NESHAP for Engine Test Cells/Standards ¹
	X	H	QQQQQ	NESHAP for Friction Materials Manufacturing Facilities ¹
	X	H	RRRRR	NESHAP: Taconite Iron Ore Processing ¹
	X	H	SSSSS	NESHAP for Refractory Products Manufacturing ¹
	X	H	TTTTT	NESHAP for Primary Magnesium Refining ¹
	X	H	UUUUU	NESHAP: Coal- and Oil-Fired Electric Utility Steam Generating Units ¹
	X	H	WWWWW	National Emission Standards for Hospital Ethylene Oxide Sterilizers ²
	X	H	YYYYY	NESHAP for Area Sources: Electric Arc Furnace Steelmaking Facilities ²
	X	H	ZZZZZ	NESHAP for Iron and Steel Foundries Area Sources ²
	X	H	BBBBBB	NESHAP for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities ²
X			CCCCC	NESHAP for Source Category: Gasoline Dispensing Facilities ²
	X	H	DDDDD	NESHAP for Polyvinyl Chloride and Copolymers Production Area Sources ²
	X	H	EEEEEE	NESHAP for Primary Copper Smelting Area Sources ²
	X	H	FFFFFF	NESHAP for Secondary Copper Smelting Area Sources ²
	X	H	GGGGG	NESHAP for Primary Nonferrous Metals Area Sources – Zinc, Cadmium, and Beryllium ²
x			HHHHH	NESHAP: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources ²
	X	H	JJJJJ	NESHAP for Industrial, Commercial, and Institutional Boilers Area Sources ²
	X	H	LLLLL	NESHAP for Acrylic and Modacrylic Fibers Production Area Sources ²
	X	H	MMMMM	NESHAP for Carbon Black Production Area Sources ²
	X	H	NNNNN	NESHAP for Chemical Manufacturing Area Sources: Chromium Compounds ²
	X	H	OOOOO	NESHAP for Flexible Polyurethane Foam Production and Fabrication Area Sources ²
	X	H	PPPPP	NESHAP for Lead Acid Battery Manufacturing Area Sources ²
	X	H	QQQQQ	NESHAP for Wood Preserving Area Sources ²
	X	H	RRRRR	NESHAP for Clay Ceramics Manufacturing Area Sources ²
	X	H	SSSSS	NESHAP for Glass Manufacturing Area Sources ²
	X	H	TTTTT	NESHAP for Secondary Nonferrous Metals Processing Area Sources ²
	X	H	VVVVV	NESHAP for Chemical Manufacturing Area Sources ²
	X	H	WWWWW	NESHAP: Area Source Standards for Plating and Polishing Operations ²
	X	H	XXXXX	NESHAP Area Source Standards for Nine Metal Fabrication and Finishing Source Categories ²
	X	H	YYYYY	NESHAP for Area Sources: Ferroalloys Production Facilities ²
	X	H	ZZZZZ	NESHAP: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries ²
	X	H	AAAAA	NESHAP for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing ²
	X	H	BBBBB	NESHAP for Area Sources: Chemical Preparations Industry ²
	X	H	CCCCC	NESHAP for Area Sources: Paints and Allied Products Manufacturing ²
	X	H	DDDDD	NESHAP for Area Sources: Prepared Feeds Manufacturing
	X	H	EEEEEE	NESHAP: Gold Mine Ore Processing and Production Area Source Category
	X	H	HHHHH	NESHAP for Polyvinyl Chloride and Copolymers Production

¹Federally and state enforceable.

²Federally enforceable only.

³The major source provisions of this regulation are federally and state enforceable. The area source provisions are federally enforceable only.

FORM OP-B07 – APPLICABLE REQUIREMENTS CHECKLIST

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

Outstate Missouri Area

(NOTE: Please complete FORM OP-B07 if the installation is located in any of the following counties: Adair, Andrew, Atchison, Audrain, Barry, Barton, Bates, Benton, Bollinger, Boone, Butler, Caldwell, Callaway, Camden, Cape Girardeau, Carroll, Carter, Cass, Cedar, Chariton, Christian, Clark, Clinton, Cole, Cooper, Crawford, Dade, Dallas, Daviess, De Kalb, Dent, Douglas, Dunklin, Gasconade, Gentry, Grundy, Harrison, Henry, Hickory, Holt, Howard, Howell, Iron, Jasper, Johnson, Knox, Laclede, Lafayette, Lawrence, Lewis, Lincoln, Linn, Livingston, McDonald, Macon, Madison, Maries, Marion, Mercer, Miller, Mississippi, Moniteau, Monroe, Montgomery, Morgan, New Madrid, Newton, Nodaway, Oregon, Osage, Ozark, Pemiscot, Perry, Pettis, Phelps, Pike, Polk, Pulaski, Putnam, Ralls, Randolph, Ray, Reynolds, Ripley, St. Clair, Ste. Genevieve, St. Francois, Saline, Schuyler, Scotland, Scott, Shannon, Shelby, Stoddard, Stone, Sullivan, Taney, Texas, Vernon, Warren, Washington, Wayne, Webster, Worth, and Wright)

APPLICABILITY			REGULATION
YES	NO	REASON	
	x		10 CSR 10-3.040 Incinerators ¹

¹Federally enforceable only.

FORM OP-C01 – INSIGNIFICANT ACTIVITIES REQUIRED TO BE LISTED**Note:** No activities are considered insignificant at Intermediate installations; therefore, this form is only required for Part 70 installations.

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED				
Hutchens Industries, Inc.	229	0001	2023				
INSIGNIFICANT ACTIVITY	POTENTIAL ESTIMATED EMISSIONS (TPY)						
EMISSION UNIT ID EP-013E	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION Curing Oven #3	0.065	0.005	0.859	0.047	0.721	N/A	N/A
EMISSION UNIT ID EP-017	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION Space Heaters, Natural Gas	0.850	0.057	9.797	0.517	1.953	N/A	N/A
EMISSION UNIT ID EP-029A	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION Alkaline Wash	0.114	0.009	1.502	0.083	1.261	N/A	N/A
EMISSION UNIT ID EP-029B	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION Phosphate Wash	0.031	0.002	0.385	0.022	0.324	N/A	N/A
EMISSION UNIT ID EP-030	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION Curing Oven #1	0.083	0.007	1.117	0.061	0.937	N/A	N/A
EMISSION UNIT ID	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION							
EMISSION UNIT ID	PM ₁₀	SO _x	NO _x	VOC	CO	LEAD	HAPS
DESCRIPTION							
DUPLICATE THIS FORM AS NEEDED							

FORM OP-D01 – EXISTING PLANT-WIDE CONDITIONS**NOTE:** Include a blank form when no existing plant-wide conditions are applicable.

INSTALLATION NAME

Hutchens Industries, Inc.

FIPS

229

PLANT NUMBER

0001

YEAR SUBMITTED

2023

Please list in the space provided below any permit conditions which are currently applicable on a plant-wide basis (i.e. production is limited to 10,000 tons per consecutive 12-month rolling period or NO_x emissions are limited to 100.0 tons per consecutive 12-month rolling period) and the compliance method.

PERMIT NO.	APPLICABLE PERMIT CONDITION	COMPLIANCE METHOD
OP2019-011	The permittee shall emit less than 250.0 tons of VOCs in any consecutive 12 month period from the entire installation.	Monitor and record the plant wide emissions of VOCs on a monthly and consecutive 12 month basis.
	The permittee shall emit less than 10.0 tons individually and 25.0 tons combined HAPs in any consecutive 12 month period from the entire installation.	Monitor and record the plant wide individual and combined HAPs on a monthly and consecutive 12 month basis.
		Maintain all records required by the permit for not less than five years

DUPLICATE THIS FORM AS NEEDED

NOTE: Include a blank form when no plant-wide conditions are proposed.

YEAR SUBMITTED

2023

[illegible]

MO 780-1519 (02-23)

D03.00 – GENERAL EMISSION UNITS

2023

40200201

N/A

34.3 gal/hr

34,000 CFM

NA

EMISSION LIMIT OR STANDARD
(INCLUDING UNITS)

None

D03.00 – GENERAL EMISSION UNITS

Hutchens Industries, Inc.

229

0001

2023

EU032

EP-32

30905254

INSTALLATION'S NAME FOR THIS EMISSION UNIT

EP-32

Combined Welding Operations (formerly EU12, EU14, EU23)

Various

Various

2003

2.41 1000 lbs electrode/hr

EP12A-H, 23, 32G-K	77
--------------------	----

77

1500, 7500, 3450 (respectively)

CONTROL DEVICE TYPE

NA

NA

NA

NA

ADDITIONAL CONTROL DEVICE TYPE	
--------------------------------	--

POLLUTANT(S) CONTROLLED

CONTROL EFFICIENCY (%)

CAPTURE EFFICIENCY (%)

POLLUTANT

APPLICABLE REQUIREMENT AUTHORITY
(CSR, CFR, SIP, PERMIT NO., ETC.)

EMISSION LIMIT OR STANDARD
(INCLUDING UNITS)

PM

10 CSR 10-6.220

< 20% opacity

Restriction of Emission of Visible Air Contaminants

DUPLICATE THIS FORM AS NEEDED

Alternate Coatings

D03.00 – GENERAL EMISSION UNITS

2023

10200603

EP-034A

Alkaline Wash #2, 12,000 gallon heated tank, 600 gallon non-heated rinse tank

N/A

1.269 MMBtu/hr burner

306

NA

CAPTURE EFFICIENCY (%)

EMISSION LIMIT OR STANDARD
(INCLUDING UNITS)

Emission Limitations <40 tpy

9

23

D03.00 - GENERAL EMISSION UNITS

2023

SOURCE CLASSIFICATION CODE
10200603

EP-034B

Phosphate Wash #2, Iron phosphate wash - 600 gallon heated tank, 6000 gallon non-heated rinse tank.

MODEL NUMBER/SERIAL NUMBER
N/A

MAXIMUM HOURLY DESIGN RATE
0.706 MMBtu/hr burner

FLOW RATE (CFM)
170

CAPTURE EFFICIENCY (%)

NA

CAPTURE EFFICIENCY (%)

EMISSION LIMIT OR STANDARD
(INCLUDING UNITS)

Emission Limitations <40 tpy

Construction Permit No. 082009-009, Issued August 20, 2009

23

D03.10 – BOILERS, FURNACES, AND OTHER INDIRECT HEATING SOURCES

D03.10 – BOILERS, FURNACES, AND OTHER INDIRECT HEATING SOURCES

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023
EMISSION UNIT ID	EQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE	
EU019	EP-19	10200603	

1. EMISSION UNIT DESCRIPTION

INSTALLATION'S NAME FOR THIS EMISSION UNIT		
EP-19 - Pyrolysis Furnace #1		
DESCRIPTION OF EMISSION UNIT		
Pyrolysis Furnace #1, Controlled pyrolysis cleaning furnace which cleans nonhazardous paint from paint line hooks.		
MANUFACTURER	MODEL NUMBER/SERIAL NUMBER	
Pollution Control Products	PTR-88	
CONSTRUCTION DATE	MAXIMUM HOURLY DESIGN RATE (MMBTU/HR)	
1993	0.3 MMBtu/hr	
STACK NO.	TEMPERATURE (°F)	FLOW RATE (CFM)
EP19	120	1000

2. FUEL DATA

PRIMARY FUEL TYPE AND GRADE Pipeline grade natural gas	MAXIMUM SULFUR CONTENT (WT%)
SECONDARY FUEL TYPE AND GRADE	MAXIMUM SULFUR CONTENT (WT%)

3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT

CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
NA	NA	NA	NA
ADDITIONAL CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)

4. APPLICABLE REQUIREMENTS

[illegible]

DUPLICATE THIS FORM AS NEEDED

D03.10 – BOILERS, FURNACES, AND OTHER INDIRECT HEATING SOURCES

YEAR SUBMITTED

2023

SOURCE CLASSIFICATION CODE

10200603

FLOW RATE (CFM)	
-----------------	--

MAXIMUM SULFUR CONTENT (WT%)	0.005
------------------------------	-------

CAPTURE EFFICIENCY (%)

Construction Permit No. 082009-009, Issued August 20, 2009

24

D03.10 – BOILERS, FURNACES, AND OTHER INDIRECT HEATING SOURCES

YEAR SUBMITTED

2023

SOURCE CLASSIFICATION CODE

10200603

DESCRIPTION OF EMISSION UNIT

MANUFACTURER

MODEL NUMBER/SERIAL NUMBER

MAXIMUM HOURLY DESIGN RATE (MMBTU/HR)	
---------------------------------------	--

0.3 MMBtu/hr

FLOW RATE (CFM)	
-----------------	--

1000

PRIMARY FUEL TYPE AND GRADE

MAXIMUM SULFUR CONTENT (WT%)
0.005
0.010
0.015
0.020
0.025
0.030
0.035
0.040
0.045
0.050
0.055
0.060
0.065
0.070
0.075
0.080
0.085
0.090
0.095
0.100
0.105
0.110
0.115
0.120
0.125
0.130
0.135
0.140
0.145
0.150
0.155
0.160
0.165
0.170
0.175
0.180
0.185
0.190
0.195
0.200
0.205
0.210
0.215
0.220
0.225
0.230
0.235
0.240
0.245
0.250
0.255
0.260
0.265
0.270
0.275
0.280
0.285
0.290
0.295
0.300
0.305
0.310
0.315
0.320
0.325
0.330
0.335
0.340
0.345
0.350
0.355
0.360
0.365
0.370
0.375
0.380
0.385
0.390
0.395
0.400
0.405
0.410
0.415
0.420
0.425
0.430
0.435
0.440
0.445
0.450
0.455
0.460
0.465
0.470
0.475
0.480
0.485
0.490
0.495
0.500
0.505
0.510
0.515
0.520
0.525
0.530
0.535
0.540
0.545
0.550
0.555
0.560
0.565
0.570
0.575
0.580
0.585
0.590
0.595
0.600
0.605
0.610
0.615
0.620
0.625
0.630
0.635
0.640
0.645
0.650
0.655
0.660
0.665
0.670
0.675
0.680
0.685
0.690
0.695
0.700
0.705
0.710
0.715
0.720
0.725
0.730
0.735
0.740
0.745
0.750
0.755
0.760
0.765
0.770
0.775
0.780
0.785
0.790
0.795
0.800
0.805
0.810
0.815
0.820
0.825
0.830
0.835
0.840
0.845
0.850
0.855
0.860
0.865
0.870
0.875
0.880
0.885
0.890
0.895
0.900
0.905
0.910
0.915
0.920
0.925
0.930
0.935
0.940
0.945
0.950
0.955
0.960
0.965
0.970
0.975
0.980
0.985
0.990
0.995
1.000
1.005
1.010
1.015
1.020
1.025
1.030
1.035
1.040
1.045
1.050
1.055
1.060
1.065
1.070
1.075
1.080
1.085
1.090
1.095
1.100
1.105
1.110
1.115
1.120
1.125
1.1

SECONDARY FUEL TYPE AND GRADE

MAXIMUM SULFUR CONTENT (WT%)	
------------------------------	--

[illegible]

POLLUTANT(S) CONTROLLED

CONTROL EFFICIENCY (%)

CAPTURE EFFICIENCY (%)

ADDITIONAL CONTROL DEVICE TYPE	
--------------------------------	--

POLLUTANT(S) CONTROLLED

CONTROL EFFICIENCY (%)

CAPTURE EFFICIENCY (%)

--

POLLUTANT

APPLICABLE REQUIREMENT AUTHORITY
(CSR, CFR, SIP, PERMIT NO., ETC.)

EMISSION LIMIT OR STANDARD
(INCLUDING UNITS)

10 CSR 10-6.060 Construction Permits Required

< 10% Opacity

Construction Permit No. 102011-008, Issued October 17, 2011

MO 780-1519 (02-23)

D03.10 – BOILERS, FURNACES, AND OTHER INDIRECT HEATING SOURCES

YEAR SUBMITTED

2023

SOURCE CLASSIFICATION CODE

10200603

INSTALLATION'S NAME FOR THIS EMISSION UNIT

DESCRIPTION OF EMISSION UNIT

MANUFACTURER

MODEL NUMBER/SERIAL NUMBER

MAXIMUM HOURLY DESIGN RATE (MMBTU/HR)

1.3 MMBtu/hr

FLOW RATE (CFM)

PRIMARY FUEL TYPE AND GRADE

MAXIMUM SULFUR CONTENT (WT%)
0.005
0.010
0.015
0.020
0.025
0.030
0.035
0.040
0.045
0.050
0.055
0.060
0.065
0.070
0.075
0.080
0.085
0.090
0.095
0.100
0.105
0.110
0.115
0.120
0.125
0.130
0.135
0.140
0.145
0.150
0.155
0.160
0.165
0.170
0.175
0.180
0.185
0.190
0.195
0.200
0.205
0.210
0.215
0.220
0.225
0.230
0.235
0.240
0.245
0.250
0.255
0.260
0.265
0.270
0.275
0.280
0.285
0.290
0.295
0.300
0.305
0.310
0.315
0.320
0.325
0.330
0.335
0.340
0.345
0.350
0.355
0.360
0.365
0.370
0.375
0.380
0.385
0.390
0.395
0.400
0.405
0.410
0.415
0.420
0.425
0.430
0.435
0.440
0.445
0.450
0.455
0.460
0.465
0.470
0.475
0.480
0.485
0.490
0.495
0.500
0.505
0.510
0.515
0.520
0.525
0.530
0.535
0.540
0.545
0.550
0.555
0.560
0.565
0.570
0.575
0.580
0.585
0.590
0.595
0.600
0.605
0.610
0.615
0.620
0.625
0.630
0.635
0.640
0.645
0.650
0.655
0.660
0.665
0.670
0.675
0.680
0.685
0.690
0.695
0.700
0.705
0.710
0.715
0.720
0.725
0.730
0.735
0.740
0.745
0.750
0.755
0.760
0.765
0.770
0.775
0.780
0.785
0.790
0.795
0.800
0.805
0.810
0.815
0.820
0.825
0.830
0.835
0.840
0.845
0.850
0.855
0.860
0.865
0.870
0.875
0.880
0.885
0.890
0.895
0.900
0.905
0.910
0.915
0.920
0.925
0.930
0.935
0.940
0.945
0.950
0.955
0.960
0.965
0.970
0.975
0.980
0.985
0.990
0.995
1.000
1.005
1.010
1.015
1.020
1.025
1.030
1.035
1.040
1.045
1.050
1.055
1.060
1.065
1.070
1.075
1.080
1.085
1.090
1.095
1.100
1.105
1.110
1.115
1.120
1.125
1.1

SECONDARY FUEL TYPE AND GRADE

MAXIMUM SULFUR CONTENT (WT%)	
------------------------------	--

CONTROL DEVICE TYPE

POLLUTANT(S) CONTROLLED

CONTROL EFFICIENCY (%)

CAPTURE EFFICIENCY (%)

100	ADDITIONAL CONTROL DEVICE TYPE
-----	--------------------------------

POLLUTANT(S) CONTROLLED

CONTROL EFFICIENCY (%)	
------------------------	--

CAPTURE EFFICIENCY (%)

POLLUTANT

**APPLICABLE REQUIREMENT AUTHORITY
(CSR, CFR, SIP, PERMIT NO., ETC.)**

EMISSION LIMIT OR STANDARD
(INCLUDING UNITS)

VOC, PM, SO_x, NO_x, CO

10 CSR 10-6.060 Construction Permits Required

None

Construction Permit No. 012020-009, Issued January 15, 2020

MO 780-1519 (02-23)

FORM OP-D03 – EMISSION UNIT INFORMATION
D03.30 – SPRAY BOOTHS

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023
EMISSION UNIT ID	EQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE	
EU013A	EP-13A	40200101	

1. EMISSION UNIT DESCRIPTION

INSTALLATION'S NAME FOR THIS EMISSION UNIT		
EP-13A Spray Paint Booth #1		
DESCRIPTION OF EMISSION UNIT		
Spray Booth #1		
MANUFACTURER	MODEL NUMBER/SERIAL NUMBER	
In-House	N/A	
CONSTRUCTION DATE	MAXIMUM HOURLY DESIGN RATE (GAL/HR)	
Pre-1996	17.5 gal/hr	
STACK NO.	TEMPERATURE (°F)	FLOW RATE (CFM)
EP13A	77	30000

2. COATING DATA

COATING NAME WITH HIGHEST DENSITY	DENSITY (LB/GAL)
H/S Black Paint	11.44
COATING NAME WITH HIGHEST WT % SOLIDS	SOLIDS CONTENT (WT%)
H/S Black Paint	52
COATING APPLICATION METHOD	TRANSFER EFFICIENCY (%)
Spray(high pressure low volume)	45
ALTERNATE COATING APPLICATION METHOD	ALTERNATE TRANSFER EFFICIENCY (%)
N/A	N/A

3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT

CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
Non-woven synthetic filter	PM	80	98.67
ADDITIONAL CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
N/A	N/A	N/A	N/A

4. APPLICABLE REQUIREMENTS

POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR, CFR, SIP, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)
HAPs	40 CFR part 63 Subpart A, General Provisions 40 CFR part 63 Subpart HHHHHH	Exempt per EPA letter dated 5/13/2019
PM	10 CSR 10-6.400	Except as provided for in paragraph (3)(A)2, and subsection (1)(B) of this rule, no person shall cause, suffer
	Control of Emissions of Particulate Matter from Industrial Processes	allow or permit the emission of particulate matter in any one (1) hour from any source in excess of the amount calculated
PM	10 CSR 10-6.220	Visible <20% opacity
	Restriction of Emission of Visible Air Contaminants	

DUPLICATE THIS FORM AS NEEDED

FORM OP-D03 – EMISSION UNIT INFORMATION			
D03.30 – SPRAY BOOTHS			
INSTALLATION NAME Hutchens Industries, Inc.		FIPS 229	PLANT NUMBER 0001
YEAR SUBMITTED 2023			
EMISSION UNIT ID EU013D		EIQ REFERENCE NUMBER EP-13D	SOURCE CLASSIFICATION CODE 40200201
1. EMISSION UNIT DESCRIPTION			
INSTALLATION'S NAME FOR THIS EMISSION UNIT EP-13D Epoxy Spray Booth			
DESCRIPTION OF EMISSION UNIT Spray Booth #5			
MANUFACTURER In-house		MODEL NUMBER/SERIAL NUMBER N/A	
CONSTRUCTION DATE 2017		MAXIMUM HOURLY DESIGN RATE (GAL/HR) 4.95	
STACK NO. EP13D	TEMPERATURE (°F) 77	FLOW RATE (CFM) 16,000	
2. COATING DATA			
COATING NAME WITH HIGHEST DENSITY RAL 2004 Pure Orange Epoxy		DENSITY (LB/GAL) 11.12	
COATING NAME WITH HIGHEST WT % SOLIDS RAL 2004 Pure Orange Epoxy		SOLIDS CONTENT (WT%) 81.45	
COATING APPLICATION METHOD Spray(High pressure low volume)		TRANSFER EFFICIENCY (%) 45	
ALTERNATE COATING APPLICATION METHOD N/A		ALTERNATE TRANSFER EFFICIENCY (%) N/A	
3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT			
CONTROL DEVICE TYPE Fabric mat filter	POLLUTANT(S) CONTROLLED PM	CONTROL EFFICIENCY (%) 80	CAPTURE EFFICIENCY (%) 98.67
ADDITIONAL CONTROL DEVICE TYPE N/A	POLLUTANT(S) CONTROLLED N/A	CONTROL EFFICIENCY (%) N/A	CAPTURE EFFICIENCY (%) N/A
4. APPLICABLE REQUIREMENTS			
POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR, CFR, SIP, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)	
HAPs	40 CFR part 63 Subpart A, General Provisions		
	40 CFR part 63 Subpart HHHHHH	Exempt per EPA letter dated 5/13/2019	
PM	10 CSR 10-6.400	Except as provided for in paragraph (3)(A)2. and subsection (1)(B) of this rule, no person shall cause, suffer,	
	Control of Emissions of Particulate Matter from Industrial Processes	allow or permit the emission of particulate matter in any one (1) hour from any source in excess of the amount calculated	
PM	10 CSR 10-6.220	< 20% opacity	
	Restriction of Emission of Visible Air Contaminants		
PM, VOCs, HAPs	10 CSR 10-6.060 Construction Permits Required	Operational Limitations	
	Construction Permit #012017-011, Issued January 18, 2017		

DUPLICATE THIS FORM AS NEEDED

FORM OP-D03 – EMISSION UNIT INFORMATION
D03.30 – SPRAY BOOTHS

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023
EMISSION UNIT ID	EQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE	
EU027	EP-27	40200101	

1. EMISSION UNIT DESCRIPTION

INSTALLATION'S NAME FOR THIS EMISSION UNIT

EP-27 Spray Paint Booth #4

DESCRIPTION OF EMISSION UNIT

Spray Booth #4

MANUFACTURER

In-house

MODEL NUMBER/SERIAL NUMBER

N/A

CONSTRUCTION DATE

pre-1996

MAXIMUM HOURLY DESIGN RATE (GAL/HR)

17.5 gal/hr

STACK NO.

EP27

TEMPERATURE (°F)

77

FLOW RATE (CFM)

10,995
2. COATING DATA

COATING NAME WITH HIGHEST DENSITY

Valspar 23-520B H/S Universal Black Paint

DENSITY (LB/GAL)

11.488

COATING NAME WITH HIGHEST WT % SOLIDS

Valspar 23-520B H/S Universal Black Paint

SOLIDS CONTENT (WT%)

65.96

COATING APPLICATION METHOD

Spray(High pressure low volume)

TRANSFER EFFICIENCY (%)

65

ALTERNATE COATING APPLICATION METHOD

N/A

ALTERNATE TRANSFER EFFICIENCY (%)

N/A
3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT

CONTROL DEVICE TYPE

Non-woven Synthetic Fiber

POLLUTANT(S) CONTROLLED

PM

CONTROL EFFICIENCY (%)

80

CAPTURE EFFICIENCY (%)

98.67

ADDITIONAL CONTROL DEVICE TYPE

N/A

POLLUTANT(S) CONTROLLED

N/A

CONTROL EFFICIENCY (%)

N/A

CAPTURE EFFICIENCY (%)

N/A
4. APPLICABLE REQUIREMENTS

POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR, CFR, SIP, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)
HAP	10 CSR 10-6.075 Maximum Achievable Control Technology	Subpart A, General Provisions
HAP	10 CSR 10-6.075 Maximum Achievable Control Technology	Subpart HHHHHH (Exempt per EPA letter dated 5/13/2019)
PM	10 CSR 10-6.400	Except as provided for in paragraph (3)(A)2, and subsection (1)(B) of this rule, no person shall cause, suffer
	Control of Emissions of Particulate Matter from Industrial Processes	allow or permit the emission of particulate matter in any one (1) hour from any source in excess of the amount calculated
PM	10 CSR 10-6.220	< 20% opacity
	Restriction of Emission of Visible Air Contaminants	

DUPLICATE THIS FORM AS NEEDED

FORM OP-D03 – EMISSION UNIT INFORMATION**D03.30 – SPRAY BOOTHS**

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023
EMISSION UNIT ID	EQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE	
EU038A	EP-38A	40200101	

1. EMISSION UNIT DESCRIPTION

INSTALLATION'S NAME FOR THIS EMISSION UNIT

EP-38A Robotic Spray Paint Booths (2)

DESCRIPTION OF EMISSION UNIT

Two 18'x20' Robotic Spray Paint Booths

MANUFACTURER

In House

MODEL NUMBER/SERIAL NUMBER

N/A

CONSTRUCTION DATE

2020

MAXIMUM HOURLY DESIGN RATE (GAL/HR)

30

STACK NO.

EP38A

TEMPERATURE (°F)

77

FLOW RATE (CFM)

3175**2. COATING DATA**

COATING NAME WITH HIGHEST DENSITY

SG-500G Gray (tote)

DENSITY (LB/GAL)

6.18

COATING NAME WITH HIGHEST WT % SOLIDS

SG-500G Gray (tote)

SOLIDS CONTENT (WT%)

57

COATING APPLICATION METHOD

Electrostatic air-assisted airless spray guns

TRANSFER EFFICIENCY (%)

85

ALTERNATE COATING APPLICATION METHOD

ALTERNATE TRANSFER EFFICIENCY (%)

3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT

CONTROL DEVICE TYPE

Fabric mat filter

POLLUTANT(S) CONTROLLED

PM

CONTROL EFFICIENCY (%)

90

CAPTURE EFFICIENCY (%)

99.43

ADDITIONAL CONTROL DEVICE TYPE

N/A

POLLUTANT(S) CONTROLLED

N/A

CONTROL EFFICIENCY (%)

N/A

CAPTURE EFFICIENCY (%)

N/A**4. APPLICABLE REQUIREMENTS**

POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR, CFR, SIP, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)
HAP	10 CSR 10-6.075 Maximum Achievable Control Technology	Subpart A, General Provisions
		Subpart HHHHHH (Exempt per EPA letter dated 5/13/2019)
PM	10 CSR 10-6.400	Except as provided for in paragraph (3)(A)2. and subsection (1)(B) of this rule, no person shall cause, suffer
	Control of Emissions of Particulate Matter from Industrial Processes	allow or permit the emission of particulate matter in any one (1) hour from any source in excess of the amount calculated
PM	10 CSR 10-6.220	< 20% opacity
	Restriction of Emission of Visible Air Contaminants	
VOC, HAPs, PM	10 CSR 10-6.060 Construction Permits Required	Paint Gun Usage Restrictions, Operational Req., Capture Device Req.
	Construction Permit No. 012020-009, Issued January 15, 2020	Control Device Req., VOC and HAP limitations

DUPLICATE THIS FORM AS NEEDED

FORM OP-D03 – EMISSION UNIT INFORMATION			
D03.30 – SPRAY BOOTHS			
INSTALLATION NAME		FIPS	PLANT NUMBER
Hutchens Industries, Inc.		229	0001
YEAR SUBMITTED		2023	
EMISSION UNIT ID		EQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE
EU038B		EP-38B	40200101
1. EMISSION UNIT DESCRIPTION			
INSTALLATION'S NAME FOR THIS EMISSION UNIT			
EP-38B Manual Spray Paint Booth			
DESCRIPTION OF EMISSION UNIT			
18'x20' Manual Spray Paint Booth			
MANUFACTURER		MODEL NUMBER/SERIAL NUMBER	
In House		N/A	
CONSTRUCTION DATE		MAXIMUM HOURLY DESIGN RATE (GAL/HR)	
2020		4.5 gal/hr	
STACK NO.	TEMPERATURE (°F)	FLOW RATE (CFM)	
EP38B	77	3175	
2. COATING DATA			
COATING NAME WITH HIGHEST DENSITY		DENSITY (LB/GAL)	
SG-500G Gray (tote)		6.18	
COATING NAME WITH HIGHEST WT % SOLIDS		SOLIDS CONTENT (WT%)	
SG-500G Gray (tote)		57	
COATING APPLICATION METHOD		TRANSFER EFFICIENCY (%)	
Electrostatic air-assisted airless spray guns		75	
ALTERNATE COATING APPLICATION METHOD		ALTERNATE TRANSFER EFFICIENCY (%)	
3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT			
CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
Fabric mat filter	PM	90	99.43
ADDITIONAL CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
N/A	N/A	N/A	N/A
4. APPLICABLE REQUIREMENTS			
POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR, CFR, SIP, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)	
HAP	10 CSR 10-6.075 Maximum Achievable Control Technology	Subpart A, General Provisions	
		Subpart HHHHHH (Exempt per EPA letter dated 5/13/2019)	
PM	10 CSR 10-6.400	Except as provided for in paragraph (3)(A)2. and subsection (1)(B) of this rule, no person shall cause, suffer	
	Control of Emissions of Particulate Matter from Industrial Processes	allow or permit the emission of particulate matter in any one (1) hour from any source in excess of the amount calculated	
PM	10 CSR 10-6.220	< 20% opacity	
	Restriction of Emission of Visible Air Contaminants		
VOC, HAPs, PM	10 CSR 10-6.060 Construction Permits Required	Paint Gun Usage Restrictions, Operational Req., Capture Device Req.	
	Construction Permit No. 012020-009, Issued January 15, 2020	Control Device Req., VOC and HAP limitations	
DUPLICATE THIS FORM AS NEEDED			

FORM OP-D03 – EMISSION UNIT INFORMATION			
D03.30 – SPRAY BOOTHS			
INSTALLATION NAME		FIPS	PLANT NUMBER
Hutchens Industries, Inc.		229	0001
YEAR SUBMITTED		2023	
EMISSION UNIT ID		EIQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE
EU040		EP-40	40200101
1. EMISSION UNIT DESCRIPTION			
INSTALLATION'S NAME FOR THIS EMISSION UNIT			
EP-40 Final Touch-up Booth			
DESCRIPTION OF EMISSION UNIT			
Final Manual Touch-up Booth			
MANUFACTURER		MODEL NUMBER/SERIAL NUMBER	
In House		N/A	
CONSTRUCTION DATE		MAXIMUM HOURLY DESIGN RATE (GAL/HR)	
2020		1.0	
STACK NO.	TEMPERATURE (°F)	FLOW RATE (CFM)	
EP40	77	3175	
2. COATING DATA			
COATING NAME WITH HIGHEST DENSITY		DENSITY (LB/GAL)	
Valspar H/S Universal Black Primer		11.23	
COATING NAME WITH HIGHEST WT % SOLIDS		SOLIDS CONTENT (WT%)	
Valspar H/S Universal Black Primer		63.12	
COATING APPLICATION METHOD		TRANSFER EFFICIENCY (%)	
Air spray guns		60	
ALTERNATE COATING APPLICATION METHOD		ALTERNATE TRANSFER EFFICIENCY (%)	
3. ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT			
CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
Fabric mat filter	PM	60	99.43
ADDITIONAL CONTROL DEVICE TYPE	POLLUTANT(S) CONTROLLED	CONTROL EFFICIENCY (%)	CAPTURE EFFICIENCY (%)
N/A	N/A	N/A	N/A
4. APPLICABLE REQUIREMENTS			
POLLUTANT	APPLICABLE REQUIREMENT AUTHORITY (CSR, CFR, SIP, PERMIT NO., ETC.)	EMISSION LIMIT OR STANDARD (INCLUDING UNITS)	
HAP	10 CSR 10-6.075 Maximum Achievable Control Technology	Subpart A, General Provisions	
		Subpart HHHHHH (Exempt per EPA letter dated 5/13/2019)	
PM	10 CSR 10-6.400		
	Control of Emissions of Particulate Matter from Industrial Processes		
PM	10 CSR 10-6.220	< 20% opacity	
	Restriction of Emission of Visible Air Contaminants		
VOC, HAPs, PM	10 CSR 10-6.060 Construction Permits Required	Paint Gun Usage Restrictions, Operational Req., Capture Device Req.	
	Construction Permit No. 012020-009, Issued January 15, 2020	Control Device Req., VOC and HAP limitations	
DUPLICATE THIS FORM AS NEEDED			

FORM OP-D05 – COMPLIANCE DETERMINATION METHODS

INSTALLATION NAME		FIPS	PLANT NUMBER	YEAR SUBMITTED
EMISSION UNIT ID		EQ REFERENCE NUMBER	SOURCE CLASSIFICATION CODE	
1. APPLICABLE REQUIREMENT				
APPLICABLE REQUIREMENT		POLLUTANT(S)		
EMISSION LIMITATION OR STANDARD				
2. TESTING				
DATE		TEST METHOD		
SUMMARY OF RESULTS				
3. MONITORING				
PARAMETER MONITORED		MONITORING METHOD:		
MONITORING SCHEDULE				
4. RECORD KEEPING				
PARAMETER MONITORED		RECORD KEEPING METHOD		
RECORD KEEPING SCHEDULE				
5. REPORTING				
REPORTING REQUIREMENT				
REPORTING SCHEDULE				
DUPLICATE THIS FORM AS NEEDED				

FORM OP-D06 – CORE PERMIT REQUIREMENTS

(NOTE: This is a required form for ALL permit applications)

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

NOTE: The installation shall comply with each of the following emission limitations and operational limitations. Consult the appropriate sections of the CFR, CSR, and Missouri's SIP for the full text of the applicable requirements.

10 CSR 10-6.045 Open Burning Requirements

1. This regulation prohibits the open burning of the following materials:
 - i) Petroleum-based materials, including but not limited to, tires, asphalt roofing material, carpet, and used oils;
 - ii) Asbestos containing materials;
 - iii) Trade waste, except untreated wood;
 - iv) Construction or demolition waste, except untreated wood;
 - v) Salvage operation waste;
 - vi) Household waste on or from properties with five or more residential units, such as mobile home parks or multi-family dwellings;
 - vii) Household waste originated from another's property; or
 - viii) Durable goods.
2. Open burning of certain materials, in certain areas of the state, and/or during specific times of the year are subject to additional requirements. The permittee should review 10 CSR 10-6.045 and local ordinances to see if additional restrictions apply prior to conducting open burning.

St. Louis City Ordinance 68657 §15 Open Burning Restrictions**Federally Enforceable Only**

This requirement is only applicable to installations located in the City of St. Louis

1. The permittee shall not cause, suffer, allow, or permit the open burning of refuse. [§15.A]
2. The permittee shall not conduct, cause, or permit the conduct of a salvage operation by open burning. [§15.B]
3. The permittee shall not conduct, cause, or permit the disposal of trade waste by open burning. [§15.C]
4. The permittee shall not cause or permit the open burning of leaves, trees, or the byproducts therefrom, grass, or other vegetation. [§15.D]
5. It shall be prima-facie evidence that the person who owns or controls property on which open burning occurs, has caused or permitted said open burning. [§15.E]

Kansas City Air Quality Control Code §8-4 Open Burning**Federally Enforceable Only**

This requirement is only applicable to installations located in Kansas City

1. The permittee shall not dispose of refuse by open burning, or cause, allow, or permit open burning of refuse. [§8-4(a)]
2. The permittee shall not cause, allow, or permit the conduct of a salvage operation by open burning. [§8-4(b)]
3. Open burning of trade wastes. [§8-4(c)]
 - a) The permittee shall not cause, allow, or permit the disposal of trade wastes by open burning except as provided in §8-4. [§8-4(c)(1)]
 - b) Exceptions shall include but not be limited to the following. Operating permits may be required by the Director. [§8-4(c)(2)]
 - i) Issuance of permit. If intending to engage in the open burning of trade wastes, the permittee shall file an application for an operating permit on a form furnished by the Director. The open burning of trade wastes may be permitted when it can be shown that it is necessary and in the public interest and that the applicant is willing to comply with the terms and conditions outlined by the director in writing. Trade waste burning permits may be renewed upon submission of a new application. The fee set forth in §8-20 shall be submitted prior to the issuance of an operating permit. The terms and conditions imposed by any such permit must be approved by the chief fire prevention inspector. [§8-4(c)(2)a]
 - ii) Revocation of permit. Any violation of the provisions relating to open burning of trade waste shall be grounds for revocation of the trade waste burning permit by the Director or the chief inspector of fire prevention. [§8-4(c)(2)b]
4. Exceptions to open burning restrictions. General exceptions to open burning restrictions are as follows: [§8-4(d)]
 - a) Fires set in connection with agricultural operations relating to the growing of crops, but not including noncrop vegetation such as trees, brush, or fence rows. Botanical nursery operations shall not be considered as agricultural operations. [§8-4(d)(1)]
 - b) Fires used for recreational purposes, or fires used for the noncommercial preparation of food such as barbecuing. [§8-4(d)(2)]
 - c) Fires used for training, when approved by the Director. [§8-4(d)(3)]

FORM OP-D06 – CORE PERMIT REQUIREMENTS**(NOTE: This is a required form for ALL permit applications)**

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

NOTE: The installation shall comply with each of the following emission limitations and operational limitations. Consult the appropriate sections of the CFR, CSR, and Missouri's SIP for the full text of the applicable requirements.

10 CSR 10-6.050 Start-up, Shutdown, and Malfunction Conditions

1. In the event of a malfunction, which results in excess emissions that exceeds one hour, the permittee shall notify the Missouri Department of Natural Resources' Air Pollution Control Program in the form of a written report submitted within two business days. The written report shall include, at a minimum, the following: [10 CSR 10-6.050(3)(A)]
 - a) Name and location of installation; [10 CSR 10-6.050(3)(A)1]
 - b) Name and telephone number of person responsible for the installation; [10 CSR 10-6.050(3)(A)2]
 - c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered; [10 CSR 10-6.050(3)(A)3]
 - d) Identity of the equipment causing the excess emissions; [10 CSR 10-6.050(3)(A)4]
 - e) Time and duration of the period of excess emissions; [10 CSR 10-6.050(3)(A)5]
 - f) Cause of the excess emissions; [10 CSR 10-6.050(3)(A)6]
 - g) Air pollutants involved; [10 CSR 10-6.050(3)(A)7]
 - h) Estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude; [10 CSR 10-6.050(3)(A)8]
 - i) Measures taken to mitigate the extent and duration of the excess emissions; and [10 CSR 10-6.050(3)(A)9]
 - j) Measures taken to remedy the situation, which caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations. [10 CSR 10-6.050(3)(A)10]
2. The permittee shall notify the Missouri Department of Natural Resources' Air Pollution Control Program at least 10 days prior to any maintenance, start-up, or shutdown activity, which is expected to cause an excess release of emissions that exceeds one hour. If notification cannot be given 10 days prior to any maintenance, start-up, or shutdown activity, which is expected to cause an excess release of emissions that exceeds one hour, notification shall be given as soon as practicable prior to the maintenance, start-up, or shutdown activity. If prior notification is not given for any maintenance, start-up, or shutdown activity, which resulted in an excess release of emissions that exceeded one hour, notification shall be given within two business days of the release. In all cases, the notification shall be a written report and include, at a minimum, the following: [10 CSR 10-6.050(3)(B)]
 - a) Name and location of installation; [10 CSR 10-6.050(3)(B)1]
 - b) Name and telephone number of person responsible for the installation; [10 CSR 10-6.050(3)(B)2]
 - c) Identity of the equipment involved in the maintenance, start-up, or shutdown activity; [10 CSR 10-6.050(3)(B)3]
 - d) Time and duration of the period of excess emissions; [10 CSR 10-6.050(3)(B)4]
 - e) Type of activity and the reason for the maintenance, start-up, or shutdown; [10 CSR 10-6.050(3)(B)5]
 - f) Type of air contaminant involved; [10 CSR 10-6.050(3)(B)6]
 - g) Estimate of the magnitude of the excess emissions expressed in the units of the applicable emission control regulation and the operating data and calculations used in estimating the magnitude; [10 CSR 10-6.050(3)(B)7]
 - h) Measures taken to mitigate the extent and duration of the excess emissions; and [10 CSR 10-6.050(3)(B)8]
 - i) Measures taken to remedy the situation, which caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations. [10 CSR 10-6.050(3)(B)9]
3. Information regarding the type and amount of emissions and time of the episode shall be recorded and kept on file. This data shall be included in emissions reported on any required Emissions Inventory Questionnaire. [10 CSR 10-6.050(4)(A)]
4. The information submitted according to 10 CSR 10-6.050(3)(A), (3)(B), and (3)(C)2 shall be kept on file at the installation for a period of five years. This data shall be included in emissions reported on any required Emissions Inventory Questionnaire. The information shall be available to the Director upon request. [10 CSR 10-6.050(4)(B)]

10 CSR 10-6.060 Construction Permits Required

1. The permittee shall obtain a construction permit prior to any of the following activities: [10 CSR 10-6.060(1)(D)]
 - a) The beginning of actual construction, modification, or major modification of any installation subject to this rule; [10 CSR 10-6.060(1)(D)1]
 - b) Operation after construction, modification, or major modification; or [10 CSR 10-6.060(1)(D)2]
 - c) Operation of any emission unit that has been permanently shut down. [10 CSR 10-6.060(1)(D)3]

10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants and**40 CFR Part 61, Subpart M - National Emission Standard for Asbestos**

The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M - *National Emission Standard for Asbestos*.

FORM OP-D06 – CORE PERMIT REQUIREMENTS**(NOTE: This is a required form for ALL permit applications)**

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

NOTE: The installation shall comply with each of the following emission limitations and operational limitations. Consult the appropriate sections of the CFR, CSR, and Missouri's SIP for the full text of the applicable requirements.

10 CSR 10-6.110 Reporting of Emission Data, Emission Fees, and Process Information

1. The permittee shall pay an annual emission fee per ton of primary PM₁₀, SO₂, NO_x, VOC, HAP (excluding HAPs reported as PM₁₀ or VOC), and Lead based on previous calendar year emissions and in accordance with 10 CSR 10-6.110(3)(A)2 through (3)(A)7. [10 CSR 10-6.110(3)(A)1 **State Enforceable Only**]
2. Public Availability of Emission Data and Process Information. Any information obtained pursuant to the rule(s) of the Missouri Air Conservation Commission that would not be entitled to confidential treatment under 10 CSR 10-6.210 shall be made available to any member of the public upon request. [10 CSR 10-6.110(3)(D)]
3. All data collected and recorded in accordance with the provisions of this rule shall be retained by the permittee for not less than five years after the end of the calendar year in which the data was collected, and all these records shall be made available upon the Director's request. [10 CSR 10-6.110(4)]
4. The permittee shall collect information as required in 10 CSR 10-6.110(4). The information required in the emissions report is listed in Table 3 of this rule. All data elements must be reported initially, and only changed data elements must be reported subsequently. To ensure permit consistency, the Air Pollution Control Program Emissions Inventory Unit will provide assistance to identify and quantify the data elements in Table 3 of this rule. [10 CSR 10-6.110(4)(A)]
5. **Part 70 Installations only:**
 - a) The permittee shall submit a Full Emissions Report annually. [10 CSR 10-6.110(4)(B)2.A]
 - b) The Full Emissions Report shall be submitted either electronically via MoEIS, which requires Form 1.0 signed by an authorized company representative, or on EIQ paper forms. Alternate methods of reporting the emissions, such as spreadsheet file, can be submitted for approval by the Director. [10 CSR 10-6.110(4)(C)1]
 - c) The Full Emissions Report is due April 1 after each reporting year. If the Full Emissions Report is filed electronically via MoEIS, this due date is extended to May 1. [10 CSR 10-6.110(4)(C)3]
6. **Intermediate Installations only:** The permittee shall submit an EIQ every year:
 - a) A full EIQ every third year after 2011 (i.e. 2023, 2026, 2029, etc.) and may submit a Reduced Reporting Form in other years (i.e. 2022, 2024, 2025, 2027, 2028, 2030, 2031, etc.) unless either or both of the following apply: [10 CSR 10-6.110(4)(B)2.B]
 - i) Any change in installation-wide emissions subject to fees of plus or minus five tons or more since their last full EIQ requires a full EIQ for that year; and [10 CSR 10-6.110(4)(B)2.B(I)]
 - ii) A construction permit action requires a full EIQ for the first full year the affected permitted equipment operates. [10 CSR 10-6.110(4)(B)2.B(II)]

10 CSR 10-6.130 Controlling Emissions during Episodes of High Air Pollution Potential

The permittee shall submit a purple or maroon plan within 60 days of a request from the Director. [10 CSR 10-6.130(4)]

10 CSR 10-6.150 Circumvention

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceal or dilute an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission. [10 CSR 10-6.150(1)]

10 CSR 10-6.165 Restriction of Emission of Odors**State Enforceable Only**

The permittee may not cause, permit, or allow the emission of odorous matter in concentrations and frequencies or for durations that odor can be perceived when one volume of odorous air is diluted with seven volumes of odor-free air for two separate trials not less than 15 minutes apart within the period of one hour. This odor evaluation shall be taken at a location outside of the installation's property boundary. [10 CSR 10-6.165(3)]

FORM OP-D06 – CORE PERMIT REQUIREMENTS

(NOTE: This is a required form for ALL permit applications)

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

NOTE: The installation shall comply with each of the following emission limitations and operational limitations. Consult the appropriate sections of the CFR, CSR, and Missouri's SIP for the full text of the applicable requirements.

10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin**Emission Limitation:**

1. The permittee shall not cause or allow fugitive particulate matter emissions to- [10 CSR 10-6.170(3)(A)1]
 - a) Remain visible in the ambient air beyond the property line of origin. [10 CSR 10-6.170(3)(A)1.B]
 - b) Go beyond the premises of origin in such quantities that the particulate matter may be found on surfaces beyond the property line of origin due to the following activities: [10 CSR 10-6.170(3)(A)1.A]
 - i) Handling, transporting, or storing of any material; [10 CSR 10-6.170(3)(A)1.A(I)]
 - ii) Construction, repair, cleaning, or demolition of a building or its appurtenances; [10 CSR 10-6.170(3)(A)1.A(II)]
 - iii) Construction or use of a road, driveway, or open area; or [10 CSR 10-6.170(3)(A)1.A(III)]
 - iv) Operation of a commercial or industrial facility. [10 CSR 10-6.170(3)(A)1.A(IV)]
2. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the Director. [10 CSR 10-6.170(3)(A)2]
3. Should it be determined that noncompliance has occurred, the Director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following: [10 CSR 10-6.170(3)(B)]
 - a) Revision of procedures involving construction, repair, cleaning, and demolition of buildings and their appurtenances that produce particulate matter emissions; [10 CSR 10-6.170(3)(B)1]
 - b) Paving or frequent cleaning of roads, driveways, and parking lots; [10 CSR 10-6.170(3)(B)2]
 - c) Application of dust-free surfaces; [10 CSR 10-6.170(3)(B)3]
 - d) Application of water; and [10 CSR 10-6.170(3)(B)4]
 - e) Planting and maintenance of vegetative ground cover. [10 CSR 10-6.170(3)(B)5]

Monitoring: [10 CSR 10-6.065(5)(C)1.C]

1. The permittee shall conduct inspections of its facilities sufficient to determine compliance with this regulation. If the permittee discovers a violation, the permittee shall undertake corrective action to eliminate the violation.
2. The permittee shall maintain the following monitoring schedule:
 - a) The permittee shall conduct weekly observations for a minimum of eight consecutive weeks after permit issuance.
 - b) Should no violation of this regulation be observed during this period then-
 - i) The permittee may observe once every two weeks for a period of eight weeks.
 - ii) If a violation is noted, monitoring reverts to weekly.
 - iii) Should no violation of this regulation be observed during this period then-
 - (1) The permittee may observe once per month.
 - (2) If a violation is noted, monitoring reverts to weekly.
 - c) If the permittee reverts to weekly monitoring at any time, monitoring frequency will progress in an identical manner to the initial monitoring frequency.

Recordkeeping: [10 CSR 10-6.065(5)(C)1.C]

1. The permittee shall document all inspections, noting the following:
 - a) Whether air emissions (except water vapor) remain visible in the ambient air beyond the property line of origin.
 - b) Whether equipment malfunctions contributed to an exceedance.
 - c) Any violations and any corrective actions undertaken to correct the violation.

10 CSR 10-6.180 Measurement of Emissions of Air Contaminants

1. The Director may require the permittee to conduct tests to determine the quantity or nature, or both, of their air contaminant emissions. [10 CSR 10-6.180(3)(A)]
 - a) The Director may specify test methods to be used and observe testing as it is performed. [10 CSR 10-6.180(3)(A)1]
 - b) All tests must be performed by qualified personnel. [10 CSR 10-6.180(3)(A)2]
 - c) The Director shall be provided a copy of the test results in writing and signed by the person responsible for the tests. [10 CSR 10-6.180(3)(A)3]
2. The Director may conduct tests of emissions of air contaminants from any source. Upon the Director's request, the permittee shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants. [10 CSR 10-6.180(3)(B)]

FORM OP-D06 – CORE PERMIT REQUIREMENTS**(NOTE: This is a required form for ALL permit applications)**

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

NOTE: The installation shall comply with each of the following emission limitations and operational limitations. Consult the appropriate sections of the CFR, CSR, and Missouri's SIP for the full text of the applicable requirements.

10 CSR 10-6.250 Asbestos Abatement Projects - Certification, Accreditation, and Business Exemption Requirements**State Enforceable Only**

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources' Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources' Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the Department to monitor training provided to employees.

10 CSR 10-6.280 Compliance Monitoring Usage

1. For the purpose of submission of compliance certificates the permittee may use the following in addition to any specified compliance methods: [10 CSR 10-6.280(3)(A)]
 - a) Monitoring methods outlined in 40 CFR Part 64; [10 CSR 10-6.280(3)(A)1]
 - b) Monitoring method(s) approved within this operating permit; and [10 CSR 10-6.280(3)(A)2]
 - c) Any other monitoring methods approved by the Director. [10 CSR 10-6.280(3)(A)3]
2. Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of an applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at an installation: [10 CSR 10-6.280(3)(B)]
 - a) Monitoring methods outlined in 40 CFR Part 64; [10 CSR 10-6.280(3)(B)1]
 - b) A monitoring method approved within this operating permit; and [10 CSR 10-6.280(3)(B)2]
 - c) Compliance test methods specified in 10 CSR 10-6.280 cited as the authority for the emission limitations. [10 CSR 10-6.280(3)(B)3]
3. The following testing, monitoring, or information gathering methods are presumptively credible testing, monitoring, or information gathering methods: [10 CSR 10-6.280(5)]
 - a) Applicable monitoring or testing methods, cited in:
 - i) 10 CSR 10-6.030 *Sampling Methods for Air Pollution Sources*;
 - ii) 10 CSR 10-6.040 *Reference Methods*;
 - iii) 10 CSR 10-6.070 *New Source Performance Standards*;
 - iv) 10 CSR 10-6.075 *Maximum Achievable Control Technology Regulations*; and
 - v) 10 CSR 10-6.080 *Emission Standards for Hazardous Air Pollutants*; or [10 CSR 10-6.280(5)(A)]
 - b) Other testing, monitoring, or information gathering methods, if approved by the Director, that produce information comparable to that produced by any method listed in 10 CSR 10-6.280(3)(B) or (5)(A). [10 CSR 10-6.280(5)(B)]

10 CSR 10-5.040 Control of Emissions From Hand-Fired Equipment

This requirement is only applicable to installations located in the St. Louis Metropolitan Area

1. The permittee shall not operate applicable hand-fired fuel-burning equipment unless the following conditions are met: [10 CSR 10-5.040(3)]
 - a) Hand-fired equipment shall be operated to minimize emissions at all times. This includes, but is not limited to, following all manufacturers' operation and maintenance guidelines; [10 CSR 10-5.040(3)(A)]
 - b) Hand-fired equipment must be commercially manufactured; [10 CSR 10-5.040(3)(B)]
 - c) Hand-fired equipment may only burn process waste generated onsite; [10 CSR 10-5.040(3)(C)]
 - d) Equipment shall have a permanent stack extending five feet higher than the peak of any roof structure located within 150 feet; [10 CSR 10-5.040(3)(D)]
 - e) Fuel shall be clean wood with a moisture content less than or equal to 25%; and [10 CSR 10-5.040(3)(E)]
 - f) Each piece of equipment shall burn no more than 30 tons of fuel per calendar year. [10 CSR 10-5.040(3)(F)]
2. The permittee shall keep records to determine compliance. [10 CSR 10-5.040(4)(A)]
3. Records verifying that only dry wood was used for fuel may be used to demonstrate compliance with the moisture content requirement. [10 CSR 10-5.040(4)(B)]
4. Records shall be retained by the permittee for a minimum of five years. These records shall be made available to the Director upon request. [10 CSR 10-5.040(4)(C)]

FORM OP-D06 – CORE PERMIT REQUIREMENTS**(NOTE: This is a required form for ALL permit applications)**

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

NOTE: The installation shall comply with each of the following emission limitations and operational limitations. Consult the appropriate sections of the CFR, CSR, and Missouri's SIP for the full text of the applicable requirements.

10 CSR 10-5.060 Refuse Not to be Burned in Fuel Burning Installations**Federally Enforceable Only**

This requirement is only applicable to installations located in the St. Louis Metropolitan Area

The permittee shall not burn or cause or permit the burning of refuse in any installation which is designed for the primary purpose of burning fuel. [10 CSR 10-5.060]

40 CFR Part 82 Protection of Stratospheric Ozone (Title VI)**Federally Enforceable Only**

1. The permittee shall comply with the ozone-depleting substances (ODS) Phaseout Program, Exemption Programs, Imports & Exports Program, ODS Destruction Program, Stationary Refrigeration and Air Condition Program, Motor Vehicle Air Conditioning Program, Halons Program, Nonessential Products Ban Program, Labeling Program, and Significant New Alternatives Policy (SNAP) Program requirements at 40 CFR Part 82.
 - a) The ODS Phaseout Program bans the production and import of Class I ODS and phases out the production and import of Class II ODS.
 - b) The Exemption Programs exclude specific uses of ODS from the phaseout, such as CFC-MDIs and methyl bromide.
 - c) The Imports & Exports Program establishes recordkeeping, reporting, and other requirements for importing virgin and used Class I and Class II substances.
 - d) The ODS Destruction Program establishes acceptable practices for destroying ODS in the United States.
 - e) The Stationary Refrigeration and Air Conditioning Program establishes service practices, technician certification, sales restrictions, and other requirements for these appliances and systems.
 - f) The Motor Vehicle Air Conditioning Program establishes servicing, technician certification, small can sales restrictions, and other requirements for these air-conditioning systems.
 - g) The Halons Program establishes installation, handling, and emissions requirements for halon fire suppression systems.
 - h) The Nonessential Products Ban Program concerns the ban on sale and introduction into interstate commerce of certain products manufactured with or containing ODS.
 - i) The Labeling Program establishes labeling requirements for ODS containers or products manufactured with ODS.
 - j) The SNAP Program identifies and evaluates substitutes for ozone-depleting substances.

FORM OP-E01 – COMPLIANCE STATUS			
INSTALLATION NAME Hutchens Industries, Inc.	FIPS 229	PLANT NUMBER 0001	YEAR SUBMITTED 2023
(NOTE: This is a required form for ALL permit applications)			
1. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE AT THE TIME OF THE ISSUANCE OF THIS PERMIT.			
Will your installation be in compliance with all applicable requirements at the time of permit issuance and continue to comply with these requirements for the duration of the permit?			
YES ☒ NO ☐ (If no, attach a compliance plan on FORM OP-F01 as described in the instructions)			
2. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE DURING THE PERMIT TERM.			
Will your installation be in compliance with all applicable requirements taking effect during the term of the permit?			
YES ☒ NO ☐ (If no, attach a compliance plan on FORM OP-F01 as described in the instructions)			
3. COMPLIANCE STATUS WITH ENHANCED MONITORING AND COMPLIANCE CERTIFICATION.			
Is the installation identified in this application in compliance with all applicable enhanced monitoring and compliance certification requirements?			
YES ☒ NO ☐ (If no, attach a compliance plan on FORM OP-F01 as described in the instructions)			
4. SCHEDULE OF SUBMISSION OF COMPLIANCE CERTIFICATION DURING THE PERMIT TERM.			
FREQUENCY OF SUBMITTALS Annual		BEGINNING DATE	
5. CERTIFICATION STATEMENT FOR PART 70 MINOR PERMIT MODIFICATIONS.			
I hereby certify that this request for a permit modification meets the criteria described in 10 CSR 10-6.065(5)(E)5.B(I) for minor permit modifications, and request that the minor permit modification procedures be followed.			
SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY		DATE	
6. CERTIFICATION OF COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS.			
Except for requirements identified in the above statement for which compliance is not achieved, I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.			
SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY		DATE	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL		OFFICIAL TITLE OF RESPONSIBLE OFFICIAL	

FORM OP-F01 – GENERAL COMMENTS

INSTALLATION NAME	FIPS	PLANT NUMBER	YEAR SUBMITTED
Hutchens Industries, Inc.	229	0001	2023

1. GENERAL INFORMATION

DUPLICATE THIS FORM AS NEEDED

Attachment A

Potential to Emit Calculations

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit EP-12 Robotic Welding Booths (12A-12H)
 SCC Code 30905254 Gas Metal Arc Welding / E70S Electrode

Maximum Hourly Design Rate	
0.125-1,000 lb (from permit) x 8 booths	1 1000 lb of electrode/hr

Paint	PM 10 EF (lb/1000 lbs)	PM 2.5 EF (lb/1000 lbs)	Chromium EF (lbs/1000 lbs)	Cobalt EF (lbs/1000 lbs)	Manganese EF (lbs / 1000 lbs)	Nickel EF (lbs / 1000 lbs)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)	Chromium Emissions (tons/yr)	Cobalt Emissions (tons/yr)	Manganese Emissions (tons/yr)	Nickel Emissions (tons/yr)	Total HAP emissions (tons/yr)
Welding Electrode	5.20	5.0128	0.001	0.001	0.318	0.001	22.78	21.96	0.00	0.00	1.39	0.00	1.41
Sum PTE (tons/yr)							22.78	21.96	0.00	0.00	1.39	0.00	1.41

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit EP-13A H/S Paint Booth
 SCC Code 40200101
 Control Efficiency of PM1 78.94% = 98.67% Capture Efficiency * 80% Control Efficiency
 Solids Transfer Efficiency 45.00%

Maximum Hourly Design Rate

17.5 gal/hr (from permit) 17.5 gal/hr

				100-41-4	108-88-3	1330-20-7	98-82-8								
Paint	Density (lbs/gal)	VOC content (%)	Solids content (%)	Ethylbenzene	Toluene	Xylenes (mixed isomers)	Cumene	VOC emissions (tons/yr)	Ethylbenzene Emissions (tons/yr)	Toluene Emissions (tons/yr)	Xylenes (mixed isomers) Emissions (tons/yr)	Cumene Emissions (tons/yr)	Total HAP emissions (tons/yr)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)
H/S Black Paint*	11.44	48.00%	52.00%	0.30%	10.00%	3.00%	0.30%	420.90	2.63	87.69	26.31	2.63	119.26	52.82	52.82
Sum PTE (tons/yr)								420.90	2.63	87.69	26.31	2.63	119.26	52.82	52.82

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit EP-13D Epoxy Spray Booth
 SCC Code 40200201
 Control Efficiency of PM10 78.94% = 98.67% Capture Efficiency * 80% Control Efficiency
 Solids Transfer Efficiency 45.00%

Maximum Hourly Design Rate	
43338.94368 gallons/year	4.947368 gal/hr
47 gal/shift = 4.947368 gal/hr	
Epoxy MHDR	3.710526 gal/hr
4 parts Epoxy to 1 part Activator	
Activator MHDR =	1.236842 gal/hr
HAPs Free	

	Density (lbs/gal)	VOC content (%)	Solids content (%)	HAPs Free	VOC emissions (tons/yr)	Total HAP emissions (tons/yr)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)
Paint								
Epoxy Activator	7.66	63.94%	36.06%	0.00%	26.53	0.00	1.73	1.73
RAL 2004 Pure Orange Epoxy	11.12	18.55%	81.45%	0.00%	33.52	0.00	17.05	17.05
Sum PTE (tons/yr)					60.06	0.00	18.78	18.78

Potential to Emit Calculations
Hutchens Mansfield Facility
Construction Permit
September 2023

Emission Unit: EP-13E NG Fired 0.0020 MMBtu/hr Paint Cure Oven
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 2,000,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 1960.78 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀: 7.6 lbs/mmescf
 PM_{2.5}: 7.6 lbs/mmescf
 SO_x: 0.6 lbs/mmescf
 NO_x: 100.0 lbs/mmescf
 VOC: 5.5 lbs/mmescf
 CO: 84.0 lbs/mmescf

		Emissions (tons/yr)
PM ₁₀ :	(1960.78 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.015 lbs PM/hr (0.015 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.065
PM _{2.5} :	(1960.78 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.015 lbs PM/hr (0.015 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.065
SO _x :	(0.6 lbs/mmescf)*(1mmescf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs)= (1960.78 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.196 lbs PM/hr	0.005
NO _x :	(100 lbs/mmescf)*(1 mmescf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs) = (1960.78 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.0108 lbs PM/hr	0.859
VOC:	(5.5 lbs/mmescf)*(1 mmescf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs)= (1960.78 cu ft/hr)*(84 lbs/1,000,000 cu ft) = 0.165 lbs PM/hr	0.047
CO:	(84 lbs/mmescf)*(1 mmescf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs) =	0.721

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-17 - Space Heaters
SCC Code: 10500106
Control Efficiency: Unknown
MHDR: 22,750,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 22,304 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Space Heaters; Industrial; Natural Gas

PM₁₀ (Primary): 8.7 lbs/mmscf
PM_{2.5} (Primary): 8.7 lbs/mmscf
SO_x: 0.6 lbs/mmscf
NO_x: 100.0 lbs/mmscf
VOC: 5.3 lbs/mmscf
CO: 20.0 lbs/mmscf

	Emissions (tons/yr)
PM₁₀:	$(22,304 \text{ cu ft/hr}) \times (8.7 \text{ lbs/1,000,000 cu ft}) = 0.194 \text{ lbs PM/hr}$ $(0.194 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.850$
PM_{2.5}:	$(22,304 \text{ cu ft/hr}) \times (8.7 \text{ lbs/1,000,000 cu ft}) = 0.194 \text{ lbs PM/hr}$ $(0.194 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.850$
SO_x:	$(22,304 \text{ cu ft/hr}) \times (0.6 \text{ lbs/1,000,000 cu ft}) = 0.013 \text{ lbs PM/hr}$ $(0.013 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.057$
NO_x:	$(22,304 \text{ cu ft/hr}) \times (100 \text{ lbs/1,000,000 cu ft}) = 2.230 \text{ lbs PM/hr}$ $(2.230 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 9.767$
VOC:	$(22,304 \text{ cu ft/hr}) \times (5.3 \text{ lbs/1,000,000 cu ft}) = 0.118 \text{ lbs PM/hr}$ $(0.118 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.517$
CO:	$(22,304 \text{ cu ft/hr}) \times (20.0 \text{ lbs/1,000,000 cu ft}) = 0.446 \text{ lbs PM/hr}$ $(0.446 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 1.953$

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-19 - Pyrolysis Furnace
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 294.12 Btu/hr x 1 cu ft natural gas/1,020 Btu = 294.12 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

		Emissions (tons/yr)
PM ₁₀ :	(294.12 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.002 lbs PM/hr (0.002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
PM _{2.5} :	(294.12 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.002 lbs PM/hr (0.002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
SO _x :	(294.12 cu ft/hr)*(0.6 lbs/1,000,000 cu ft) = 0.0002 lbs PM/hr (0.0002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.001
NO _x :	(294.12 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.029 lbs PM/hr (0.029 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.127
VOC:	(294.12 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.002 lbs PM/hr (0.002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
CO:	(294.12 cu ft/hr)*(84.0 lbs/1,000,000 cu ft) = 0.025 lbs PM/hr (0.025 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.110

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

EP-26 Cutting of Steel Sheets (Plasma Torch)

Rate of emission = $4.10(P)^{0.67}$

P = process weight rate in tons/hr

MHDR (P) = 0.96 tons/hr (from permit)

Rate of emission = 3.989 lb/hr

Emissions for the year = 34946.983 lbs

Hours per year = 8760 hrs

PM10 emissions (tons)
17.473

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit EP-27 H/S Paint Booth
SCC Code 40200101
Control Efficiency of PM10 78.94% = 98.67% Capture Efficiency * 80% Control Efficiency
Solids Transfer Efficiency 45.00%

Maximum Hourly Design Rate

17.5 gal/hr (from permit) 17.5 gal/hr

Paint	Density (lbs/gal)	VOC content (%)	Solids content (%)	100-41-4	108-88-3	1330-20-7	98-82-8	VOC emissions (tons/yr)	Ethylbenzene Emissions (tons/yr)	Toluene Emissions (tons/yr)	Xylenes (mixed isomers) Emissions (tons/yr)	Cumene Emissions (tons/yr)	Total HAP emissions (tons/yr)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)
				Ethylbenzene	Toluene	Xylenes (mixed isomers)	Cumene								
H/S Black Paint*	11.44	48.00%	52.00%	0.30%	10.00%	3.00%	0.30%	420.90	2.63	87.69	26.31	2.63	119.26	52.82	52.82
Sum PTE (tons/yr)								420.90	2.63	87.69	26.31	2.63	119.26	52.82	52.82

**Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023**

Emission Unit
SCC Code

EP-28 Dip Tank - Sliders
40200201

Maximum Hourly Design Rate

34.3 gal/hr (from permit)

34.3 gal/hr

			136-52-7	121-44-8		136-52-7	121-44-8
			Cobalt Carboxylates	Triethylamine	VOC emissions (tons/yr)	Cobalt Carboxylates Emissions (tons/yr)	Triethylamine Emissions (tons/yr)
Paint	Density (lbs/gal)	VOC content (%)					
N-6888 W/R Black Primer tote	11.62	13.00%	0.15%	1.04%	226.94	2.62	18.16
T-308 W/R pH/Viscosity Adjuster	8.01	24.00%	0.30%	10.00%	418.97	5.24	174.57
T-76 Butyl Cellosolve	7.49	100.00%	0.30%	10.00%	1745.72	5.24	174.57
					2391.64	13.09	367.30

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-29A - Alkaline Wash <10 MMBtu/hr
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 3,500,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 3,431.37 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

		Emissions (tons/yr)
PM₁₀:	(3,431.37 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.026 lbs PM/hr	
	(0.026 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.114
PM_{2.5}:	(3,431.37 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.026 lbs PM/hr	
	(0.026 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.114
SO_x:	(3,431.37 cu ft/hr)*(0.6 lbs/1,000,000 cu ft) = 0.0021 lbs PM/hr	
	(0.0021 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
NO_x:	(3,431.37 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.343 lbs PM/hr	
	(0.343 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	1.502
VOC:	(3,431.37 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.019 lbs PM/hr	
	(0.019 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.083
CO:	(3,431.37 cu ft/hr)*(84.0 lbs/1,000,000 cu ft) = 0.288 lbs PM/hr	
	(0.288 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	1.261

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-29B- Phosphate Wash <10 MMBtu/hr
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 900,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 882.35 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

	Emissions (tons/yr)
PM₁₀:	$(882.35 \text{ cu ft/hr}) \times (7.6 \text{ lbs/1,000,000 cu ft}) = 0.007 \text{ lbs PM/hr}$ $(0.007 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.031$
PM_{2.5}:	$(882.35 \text{ cu ft/hr}) \times (7.6 \text{ lbs/1,000,000 cu ft}) = 0.007 \text{ lbs PM/hr}$ $(0.007 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.031$
SO_x:	$(882.35 \text{ cu ft/hr}) \times (0.6 \text{ lbs/1,000,000 cu ft}) = 0.0005 \text{ lbs PM/hr}$ $(0.0005 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.002$
NO_x:	$(882.35 \text{ cu ft/hr}) \times (100 \text{ lbs/1,000,000 cu ft}) = 0.088 \text{ lbs PM/hr}$ $(0.088 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.385$
VOC:	$(882.35 \text{ cu ft/hr}) \times (5.5 \text{ lbs/1,000,000 cu ft}) = 0.005 \text{ lbs PM/hr}$ $(0.005 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.022$
CO:	$(882.35 \text{ cu ft/hr}) \times (84.0 \text{ lbs/1,000,000 cu ft}) = 0.074 \text{ lbs PM/hr}$ $(0.074 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton/2000 lbs}) = 0.324$

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-30- Cure Oven #1
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 2,600,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 2549.02 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

		Emissions (tons/yr)
PM ₁₀ :	(2549.02 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.019 lbs PM/hr (0.019 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.083
PM _{2.5} :	(2549.02 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.019 lbs PM/hr (0.019 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.083
SO _x :	(2549.02 cu ft/hr)*(0.6 lbs/1,000,000 cu ft) = 0.0015 lbs PM/hr (0.0015 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.007
NO _x :	(2549.02 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.255 lbs PM/hr (0.255 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	1.117
VOC:	(2549.02 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.014 lbs PM/hr (0.014 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.061
CO:	(2549.02 cu ft/hr)*(84.0 lbs/1,000,000 cu ft) = 0.214 lbs PM/hr (0.214 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.937

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit EP-32 Combined Welding
 SCC Code 30905254 Gas Metal Arc Welding / E70S Electrode

Maximum Hourly Design Rate	
2.41-1,000 lb (from permit)	2.41 1000 lb of electrode/hr

	PM 10 EF (lb/1000 lbs)	PM 2.5 EF (lb/1000 lbs)	Chromium EF (lbs/1000 lbs)	Cobalt EF (lbs/1000 lbs)	Manganese EF (lbs /1000 lbs)	Nickel EF (lbs / 1000 lbs)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)	Chromium Emissions (tons/yr)	Cobalt Emissions (tons/yr)	Manganese Emissions (tons/yr)	Nickel Emissions (tons/yr)	Total HAP emissions (tons/yr)
Paint													
Welding Electrode	5.20	5.0128	0.001	0.001	0.318	0.001	54.89	52.91	0.01	0.01	3.36	0.01	3.39
Sum PTE (tons/yr)							54.89	52.91	0.01	0.01	3.36	0.01	3.39

Emission Unit
SCC Code

EP-33 Dip Tank - Small Parts
40200201

Maximum Hourly Design Rate

5.32 gal/hr (from permit)

5.32 gal/hr

			136-52-7	121-44-8		136-52-7	121-44-8
Paint	Density (lbs/gal)	VOC content (%)	Cobalt Carboxylates	Triethylamine	VOC emissions (tons/yr)	Cobalt Carboxylates Emissions (tons/yr)	Triethylamine Emissions (tons/yr)
N-6888 W/R Black Primer tote	11.62	13.00%	0.15%	1.04%	35.20	0.41	2.82
T-308 W/R pH/Viscosity Adjuster	8.01	24.00%	0.30%	10.00%	64.98	0.81	27.08
T-76 Butyl Cellosolve	7.49	100.00%	0.30%	10.00%	270.76	0.81	27.08
					370.95	2.03	56.97

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-34A- Alkaline Wash #2
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 1,269,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 1244.12 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmescf
 PM_{2.5} (Primary): 7.6 lbs/mmescf
 SO_x: 0.6 lbs/mmescf
 NO_x: 100.0 lbs/mmescf
 VOC: 5.5 lbs/mmescf
 CO: 84.0 lbs/mmescf

		Emissions (tons/yr)
PM ₁₀ :	(1244.12 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.009 lbs PM/hr (0.009 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.039
PM _{2.5} :	(1244.12 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.009 lbs PM/hr (0.009 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.039
SO _x :	(1244.12 cu ft/hr)*(0.6 lbs/1,000,000 cu ft) = 0.0007 lbs PM/hr (0.0007 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.003
NO _x :	(1244.12 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.124 lbs PM/hr (0.124 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.543
VOC:	(1244.12 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.007 lbs PM/hr (0.007 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.031
CO:	(1244.12 cu ft/hr)*(84.0 lbs/1,000,000 cu ft) = 0.105 lbs PM/hr (0.105 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.460

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-34B- Phosphate Wash #2
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 706,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 692.16 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

	Emissions (tons/yr)
PM₁₀:	$(692.16 \text{ cu ft/hr}) \times (7.6 \text{ lbs}/1,000,000 \text{ cu ft}) = 0.005 \text{ lbs PM/hr}$ $(0.005 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton}/2000 \text{ lbs}) = 0.022$
PM_{2.5}:	$(692.16 \text{ cu ft/hr}) \times (7.6 \text{ lbs}/1,000,000 \text{ cu ft}) = 0.005 \text{ lbs PM/hr}$ $(0.005 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton}/2000 \text{ lbs}) = 0.022$
SO_x:	$(692.16 \text{ cu ft/hr}) \times (0.6 \text{ lbs}/1,000,000 \text{ cu ft}) = 0.0004 \text{ lbs PM/hr}$ $(0.0004 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton}/2000 \text{ lbs}) = 0.002$
NO_x:	$(692.16 \text{ cu ft/hr}) \times (100 \text{ lbs}/1,000,000 \text{ cu ft}) = 0.069 \text{ lbs PM/hr}$ $(0.069 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton}/2000 \text{ lbs}) = 0.302$
VOC:	$(692.16 \text{ cu ft/hr}) \times (5.5 \text{ lbs}/1,000,000 \text{ cu ft}) = 0.004 \text{ lbs PM/hr}$ $(0.004 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton}/2000 \text{ lbs}) = 0.018$
CO:	$(692.16 \text{ cu ft/hr}) \times (84.0 \text{ lbs}/1,000,000 \text{ cu ft}) = 0.058 \text{ lbs PM/hr}$ $(0.058 \text{ lbs/hr}) \times (8760 \text{ hours/year}) \times (1 \text{ ton}/2000 \text{ lbs}) = 0.254$

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-35- Cure Oven #2
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 700,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 686.27 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

		Emissions (tons/yr)
PM ₁₀ :	(686.27 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.005 lbs PM/hr (0.005 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.022
PM _{2.5} :	(686.27 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.005 lbs PM/hr (0.005 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.022
SO _x :	(686.27 cu ft/hr)*(0.6 lbs/1,000,000 cu ft) = 0.0004 lbs PM/hr (0.0004 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.002
NO _x :	(686.27 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.069 lbs PM/hr (0.069 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.302
VOC:	(686.27 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.004 lbs PM/hr (0.004 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.018
CO:	(686.27 cu ft/hr)*(84.0 lbs/1,000,000 cu ft) = 0.058 lbs PM/hr (0.058 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.254

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: EP-36- Pyrolysis Furnace #2
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 300,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 294.12 cu ft natural gas/hr

Emission Factors from FIRE External Combustion; Industrial: Boilers; Natural Gas; < 10 Million BTU/hr

PM₁₀ (Primary): 7.6 lbs/mmscf
 PM_{2.5} (Primary): 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

		Emissions (tons/yr)
PM ₁₀ :	(294.12 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.002 lbs PM/hr (0.002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
PM _{2.5} :	(294.12 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.002 lbs PM/hr (0.002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
SO _x :	(294.12 cu ft/hr)*(0.6 lbs/1,000,000 cu ft) = 0.0002 lbs PM/hr (0.0002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.001
NO _x :	(294.12 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.029 lbs PM/hr (0.029 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.127
VOC:	(294.12 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.002 lbs PM/hr (0.002 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.009
CO:	(294.12 cu ft/hr)*(84.0 lbs/1,000,000 cu ft) = 0.025 lbs PM/hr (0.025 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.110

Potential to Emit Calculations
Hutchens - Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit: Gasoline
 SCC Code: Storage Tank -
 EP-37 Working Loss
 40400108

Maximum Hourly Design Rate

5,000 gallons expected throughput = 2.4 gallons/hour
 2,080 actual operating hours

Assume that the current fuel throughput is at MHDR.

5,000 gallons estimated from previous usage
 2,080 hours = 10 h/day * 4 days/wk * 52 wks/yr

Fuel Type	Potential throughput (gallons)	Density (lbs/gal)	Potential throughput (lbs)	Max HAP content (%) ³	Emission Factor for Working Loss (lbs/1000 gallons) ¹	HAP emissions (tons/yr)
Gasoline	21024	6.42	134974.1	34.90%	54.23	1.277

Sum PTE: 1.277

Note 1: Individual fuel HAP emissions on this spreadsheet are based on the EPA tank emissions program 3.1 and are therefore not calculated at 100% emission rate, but rather "x" lbs of emissions per 1000 gallons of fuel.

Note 2: Unleaded Gasoline
 benzene @ 4.90%
 cumene @ 1.00%
 ethyl benzene @ 2.00%
 toluene @ 15.00%
 xylene @ 12.00%

Note 3: Potential HAP emissions based on the highest HAP content of gasoline (34.9%).

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit

EP-38a (2) Robotic Spray Paint Booths
***To Replace EP-13B**

SCC Code

40200101

Control Efficiency of PM10

89.49% = 99.43% Capture Efficiency * 90% Control Efficiency

Solids Transfer Efficiency

85.00% *Based on spray gun mfg. transfer efficiency test - ASTM D-5009 for Electrostatic Air-Assisted Airless Spray Guns

Operation Specifications

MHDR (gal/hr):	30
1 gallon paint per frame - Each booth paints one side of frame	
2 minute cycle time per frame	
56 hour weekly operating target	
Expected Usage Ratio: 90% SG-500B, 10% SG-500G	

Potential Emissions (assume (30 gal/hr) * (24 hr/day) * (365 day/yr) - assume 100% usage of each product and use highest value for each pollutant)

Coating	Density (lbs/gal)	VOC content (%)	Solids content (%)	HAPs Free	VOC emissions (tons/yr)	Total HAP emissions (tons/yr)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)
SG-500B Black soft coat (285 gal. tote)	5.93	44.00%	56.00%	0.00%	342.85	0.00	6.88	6.88
SG-500G Gray (tote)	6.18	43.00%	57.00%	0.00%	348.93	0.00	7.16	7.16
PTE (tons/yr)					348.93	0.00	7.16	7.16

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

Emission Unit

EP-38b (1) Manual Spray Paint Booth - Initial Touch-up

SCC Code

40200101

Control Efficiency of PM10

89.49% = 99.43% Capture Efficiency * 90% Control Efficiency

Solids Transfer Efficiency

75.00% *Based on spray gun mfg. transfer efficiency test - EN 13966 for Air-Assisted Airless Spray Guns

Operation Specifications

MHDR (gal/hr):	4.5
0.15 gallon paint per frame - 2 minute cycle time per frame	
56 hour weekly operating target	
Expected Usage Ratio: 90% SG-500B, 10% SG-500G	

Potential Emissions (assume (4.5 gal/hr) * (24 hr/day) * (365 day/yr) - assume 100% usage of each product and use highest value for each pollutant)

Coating	Density (lbs/gal)	VOC content (%)	Solids content (%)	HAPs Free	VOC emissions (tons/yr)	Total HAP emissions (tons/yr)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)
SG-500B Black soft coat (285 gal. tote)	5.93	44.00%	56.00%	0.00%	51.43	0.00	1.72	1.72
SG-500G Gray (tote)	6.18	43.00%	57.00%	0.00%	52.34	0.00	1.79	1.79
Sum PTE (tons/yr)					52.34	0.00	1.79	1.79

**Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023**

Emission Unit: EP-39 NG Fired 0.0020 MMBtu/hr Paint Cure Oven
 SCC Code: 10200603
 Control Efficiency: Unknown
 MHDR: 2,000,000 Btu/hr x 1 cu ft natural gas/1,020 Btu = 1960.78 cu ft natural gas/hr

Emission Factors from FIRE (<10 mmBTU/hr heat input):

PM₁₀: 7.6 lbs/mmscf
 PM_{2.5}: 7.6 lbs/mmscf
 SO_x: 0.6 lbs/mmscf
 NO_x: 100.0 lbs/mmscf
 VOC: 5.5 lbs/mmscf
 CO: 84.0 lbs/mmscf

		Emissions (tons/yr)
PM₁₀:	(1960.78 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.015 lbs PM/hr (0.015 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.065
PM_{2.5}:	(1960.78 cu ft/hr)*(7.6 lbs/1,000,000 cu ft) = 0.015 lbs PM/hr (0.015 lbs/hr)*(8760 hours/year)*(1 ton/2000 lbs)=	0.065
SO_x:	(0.6 lbs/mmscf)*(1 mmscf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs)= (1960.78 cu ft/hr)*(100 lbs/1,000,000 cu ft) = 0.196 lbs PM/hr	0.005
NO_x:	(100 lbs/mmscf)*(1 mmscf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs) = (1960.78 cu ft/hr)*(5.5 lbs/1,000,000 cu ft) = 0.0108 lbs PM/hr	0.859
VOC:	(5.5 lbs/mmscf)*(1 mmscf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs)= (1960.78 cu ft/hr)*(84 lbs/1,000,000 cu ft) = 0.165 lbs PM/hr	0.047
CO:	(84 lbs/mmscf)*(1 mmscf/1000 mmBTUs)*(0.002 mmBTUs/hour)*(8760 hours/year)*(1 ton/2000 lbs) =	0.721

Potential and Expected Usage Calculations				Notes	
Expected Hrs per week	56	Expected usage ratio - Niles Gray	0.05	Emission Unit: EP-40 Final Touch-up Booth SSC Code: 40200101	99.43% capture efficiency, 60% control efficiency, *** 60% transfer efficiency (based on Graco EN 13986 Transfer Efficiency testing for general "Air Spray" Spray Gun Technologies)
Expected Hours per year	2912	Expected usage ratio - Valspar Primer	0.45		
Expected Hours per month	243	Expected usage ratio - SG-500B aero	0.45		
Expected Usage/mo. (gallons)	243	Expected usage ratio - SG-500DG aero	0.05		
MHDR (gallons material/hr)	1.00				
Units processed per hour	30	Potential hours per year	8760		
Paint per unit processed (gal)	0.033				

Potential Emissions (assume 1.000 gallons/hr * 24 hr/day * 365 day/yr - assume 100% usage of each product and use highest value)													
Coating	Density (lbs/gal)	VOC content (%)	Solids content (%)	Toluene (108-88-3)	Xylene (1330-20-7)	Cumene (98-82-8)	Ethylbenzene (100-41-4)	Cobalt Compounds	Phthalic Anhydride (85-44-9)	VOC emissions (tons/yr)	Total HAP emissions (tons/yr)	PM10 emissions (tons/yr)	PM2.5 emissions (tons/yr)
Niles Gray Soft Touch - Touch Up	8.96	52.34%	47.66%	0.00%	38.19%		6.72%	0.30%	10.10%	20.54	21.71	0.02	0.02
Valspar H/S Universal Black Primer	11.23	36.88%	63.12%	10.00%	3.00%	0.30%	0.30%			18.14	6.69	0.03	0.03
Black Aerosols SG-500B	6.66	61.00%	39.00%							17.79	0.00	0.01	0.01
Dk Gray Aerosols - SG-500DG	6.79	61.00%	39.00%							18.14	0.00	0.01	0.01
Potential Individual HAPs emissions (lb/yr)				9837.48	29975.18	295.12	5274.50	233.90	7927.45	20.54	21.71	0.03	0.03

Potential to Emit Calculations
Hutchens Mansfield Facility
Operating Permit Renewal
September 2023

EP #	EP Description	Potential Emissions (tons/yr)						
		VOC	HAPs	PM10	PM2.5	SOx	NOx	CO
EP-12A	Robotic Welding Booth #1	included in EP-32 (Combined Welding)						
EP-12B	Robotic Welding Booth #2							
EP-12C	Robotic Welding Booth #3							
EP-12D	Robotic Welding Booth #4							
EP-12E	Robotic Welding Booth #5							
EP-12F	Robotic Welding Booth #6							
EP-12G	Robotic Welding Booth #7							
EP-12H	Robotic Welding Booth #8							
EP-13A	Spray Paint Booth #1	420.900	119.255	52.816	52.816			
EP-13D	Spray Paint Booth #5	60.057		18.783	18.783			
EP-13E	Curing Oven #3	0.047		0.065	0.065	0.005	0.859	0.721
EP-17	Space Heaters	0.517		0.850	0.850	0.057	9.767	1.953
EP-19	Pyrolysis Furnace #1	0.009		0.009	0.009	0.001	0.127	0.110
EP-26	Plasma Torch			17.473				
EP-27	Spray Paint Booth #4	420.900	119.255	52.816	52.816			
EP-28	Dip Paint - Sliders	2391.635	380.392					
EP-29A	Alkaline Wash <10 MMBtu/hr	0.083		0.114	0.114	0.009	1.502	1.261
EP-29B	Phosphate Wash <10 MMBtu/hr	0.022		0.031	0.031	0.002	0.385	0.324
EP-30	Cure Oven #1	0.061		0.083	0.083	0.007	1.117	0.937
EP-32	Combined Welding OperatiOns (formerly EU12, EU14, EU23)		3.388	54.890	52.914			
EP-33	Dip Paint - Small Parts	370.947	59.000					
EP-34A	Alkaline Wash #2	0.031		0.039	0.039	0.003	0.543	0.460
EP-34B	Phosphate Wash #2	0.018		0.022	0.022	0.002	0.302	0.254
EP-35	Cure Oven #2	0.018		0.022	0.022	0.002	0.302	0.254
EP-36	Pyrolysis Furnace #2	0.009		0.009	0.009	0.001	0.127	0.110
EP-37	Gasoline Storage Tank	1.277	1.277					
EP-38a	Robotic Spray Paint Booths (2)	348.934	0.000	7.164	7.164			
EP-38b	Manual Spray Paint Booth - Intial Touch Up	52.340	0.000	1.791	1.791			
EP-39	Paint Cure Oven	0.047		0.065	0.065	0.005	0.859	0.721
EP-40	Final Touch-up Booth	20.541	21.706	0.028	0.028			
		4088.394	704.273	207.070	187.621	0.094	15.891	7.106

Mavrakis, Nora

From: Mavrakis, Nora
Sent: Thursday, October 12, 2023 2:44 PM
To: 'Marci Boone'; kdobson@hutchensindustries.com
Cc: Hale, Kendall; Hess, Alana; Cassandra Bell; Wayne Loper (wloper@hutchensindustries.com)
Subject: Notice of Complete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Marci,

Good afternoon.

Your application has been reviewed and is now determined to be administratively complete as of October 2, 2023. 10 CSR 10-6.065(5)(B)2 requires applicants to correct anything in their application which is later determined to be incorrect and to supplement the application to address any requirements that became applicable after the date the application was filed. Contact us by phone call or email if you need to provide any corrections or supplemental information for your application.

The application will be assigned to a permit engineer who will contact you when they begin working on the permit renewal. The engineer may need to request additional information as the review of the application progresses. Please submit any additional information requested within 30 days from the date of the e-mail in which we request the information. We do understand that some of the requested information may take longer than 30 days to supply. If this is the case, please submit a written request by e-mail or letter explaining the need for the extension. We can allow for a one time extension of 30 days. Any additional extensions beyond the 30 days must be approved by a supervisor.

You will be provided a copy of the draft permit for a 15 day review period prior to the public notice period. If there are questions or concerns, we will work with you to address those concerns.

The Air Pollution Control Program maintains a searchable web page for all pending permit applications received. You can see the entire list of current projects or search by county, city, or date received. You can click on the record number to see the status of your project. Currently, the report is updated once a month. [Missouri Department of Natural Resources - DNR \(mo.gov\)](#)

If you have any questions, please do not hesitate to contact me by phone or e-mail. If I am unavailable, you may contact my supervisor, Alana Hess, at Alana.Hess@dnr.mo.gov or (573) 526-0189.

Thank you.

Sincerely,
Nora R. Mavrakis

Environmental Engineer
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-8084 or (573) 751-4817
Find us on the web at <https://dnr.mo.gov>

We'd like your feedback on the service you received from the Missouri Department of Natural Resources. Please consider taking a few minutes to complete the department's Customer Satisfaction Survey at <https://www.surveymonkey.com/r/MoDNRsurvey>. Thank you.

From: Marci Boone <mboone@environmentalworks.com>
Sent: Monday, October 2, 2023 10:47
To: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>; kdobson@hutchensindustries.com
Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards <DNR.APCPCreditCards@dnr.mo.gov>; Cassandra Bell <cbell@environmentalworks.com>; Wayne Loper (wloper@hutchensindustries.com) <WLoper@hutchensindustries.com>
Subject: RE: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Ms. Mavrakis,

The additional fee payment will be paid by credit card today. A copy of the signed Form E01 is attached and the original wet signature will be put in today's mail. Please let us know if you need anything further.

Thank you,

Marci Boone
Environmental Works, Inc.
417-849-2181

From: Marci Boone <mboone@environmentalworks.com>
Sent: Monday, October 2, 2023 9:21 AM
To: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>; kdobson@hutchensindustries.com
Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards <DNR.APCPCreditCards@dnr.mo.gov>; Cassandra Bell <cbell@environmentalworks.com>; Wayne Loper (wloper@hutchensindustries.com) <WLoper@hutchensindustries.com>
Subject: RE: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Good morning Nora,

Understood. We will get the additional fee payment and signed form E01 submitted ASAP.

Thank you,

Marci Boone
Environmental Works, Inc.
417-849-2181

From: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>
Sent: Monday, October 2, 2023 8:49 AM
To: Marci Boone <mboone@environmentalworks.com>; kdobson@hutchensindustries.com
Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards <DNR.APCPCreditCards@dnr.mo.gov>; Cassandra Bell <cbell@environmentalworks.com>
Subject: RE: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Marci,

Good morning.

After reviewing the list provided of the current emission units on site, I counted 31 emission units at the facility. Each robotic spray booth under EP-38a would be counted towards the total number of emission units under the fee schedule.

It was brought to my attention last week that a check was sent from Environmental Works Inc. in the amount of \$3,750 for the operating permit filling fee for Hutchens Industries, Inc. (229-0001). After speaking with accounting, the below check information was found to be for this operating permit renewal.

Check# 97003

Environmental Works Inc

Amount: \$3,750

Check Date: September 14, 2023

Check Received: September 18, 2023

The information required has been updated. Your application has been reviewed and determined to be incomplete. The following will need to be submitted in order for your application to be deemed complete:

- Remaining amount of \$250 due for the Operating Permit Application Filing Fee. Under the operating permit fee schedule, the operating permit application filing fee was calculated to be \$4,000 (based on having 31-60 emission units and subject to two MACT Standards 40 CFR Part 63, Subparts CCCCCC and HHHHHH). A copy of the fee schedule may be found at [Air Operating Permit Fees | Missouri Department of Natural Resources \(mo.gov\)](https://dnr.mo.gov/air-quality/air-pollution/operating-permit-fees). The remaining amount due for the operating permit filling fee is \$250.
- Form E01 received on the application was not signed. Submit via mail form E01 signed by the same responsible official on the application.

To pay by check, submit payment to the attention of Kendall Hale, Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

To pay by credit card, please use the link below. Be advised that we charge an additional fee for credit card transactions.

<https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/313/>

Include the Project Number and Facility Name with submission of your payment.

Your application was assigned Project Number 2023-09-019.

Please submit the documents requested to the attention of Nora Mavrakis, Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Feel free to contact me via phone call or email or if you have any additional questions for the operating permit application.

Thank you.

Sincerely,

Nora R. Mavrakis

Environmental Engineer

Air Pollution Control Program

P.O. Box 176

Jefferson City, MO 65102

(573) 751-8084 or (573) 751-4817

Find us on the web at <https://dnr.mo.gov/>

We'd like your feedback on the service you received from the Missouri Department of Natural Resources. Please consider taking a few minutes to complete the department's Customer Satisfaction Survey at <https://www.surveymonkey.com/r/MoDNRsurvey>. Thank you.

From: Marci Boone <mboone@environmentalworks.com>

Sent: Thursday, September 28, 2023 17:05

To: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>; kdobson@hutchensindustries.com

Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards

<DNR.APCPCreditCards@dnr.mo.gov>; Cassandra Bell <cbell@environmentalworks.com>

Subject: RE: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Good afternoon Ms. Mavrakis,

EP-13B – Spray Booth #2 was dismantled as part of the 2020 Construction Permit #012020-009 when the robotic spray booths were installed. There are (2) robotic booths under EP-38a, a curing oven (EP-39) and one touch up manual booth (EP-40) associated with this system.

EP-31 – Dip Paint Operation #2 was dismantled. The facility EIQ forms show it as dismantled as far back as 2012. Please let me know if you have any further questions.

Thank you,

Marci Boone
Environmental Works, Inc.
417-849-2181

From: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>
Sent: Thursday, September 28, 2023 4:32 PM
To: Marci Boone <mboone@environmentalworks.com>; kdobson@hutchensindustries.com
Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards <DNR.APCPCreditCards@dnr.mo.gov>; Cassandra Bell <cbell@environmentalworks.com>
Subject: RE: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Dear Marci Boone,

Good afternoon.

Can you confirm the current status of the emission units below from the previous operating permit? (active on-site, inactive on-site, or dismantled from the facility)

EP13B – Spray Booth #2

EP031 – Dip Paint Operation #2

Does EP38a have two robotic spray paint booths?

If you have any questions you would like to discuss, feel free to reach me via email or phone call.

Thank you.

Sincerely,
Nora R. Mavrakis

Environmental Engineer
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-8084 or (573) 751-4817
Find us on the web at <https://dnr.mo.gov/>

We'd like your feedback on the service you received from the Missouri Department of Natural Resources. Please consider taking a few minutes to complete the department's Customer Satisfaction Survey at <https://www.surveymonkey.com/r/MoDNRsurvey>. Thank you.

From: Marci Boone <mboone@environmentalworks.com>

Sent: Wednesday, September 27, 2023 09:57

To: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>; kdobson@hutchensindustries.com

Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards <DNR.APCPCreditCards@dnr.mo.gov>; Cassandra Bell <cbell@environmentalworks.com>

Subject: RE: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Good morning Ms. Mavrakis,

I understand that the issue is that the base fee calculated at \$750, you're saying should have been \$1,000? According to our calculations, the Facility has 30 active emission units. Active emission units are listed below:

September 2023

EP #	EP Description	VC
EP-12A	Robotic Welding Booth #1	
EP-12B	Robotic Welding Booth #2	
EP-12C	Robotic Welding Booth #3	
EP-12D	Robotic Welding Booth #4	
EP-12E	Robotic Welding Booth #5	
EP-12F	Robotic Welding Booth #6	
EP-12G	Robotic Welding Booth #7	
EP-12H	Robotic Welding Booth #8	
EP-13A	Spray Paint Booth #1	
EP-13D	Spray Paint Booth #5	
EP-13E	Curing Oven #3	
EP-17	Space Heaters	
EP-19	Pyrolysis Furnace #1	
EP-26	Plasma Torch	
EP-27	Spray Paint Booth #4	
EP-28	Dip Paint - Sliders	2
EP-29A	Alkaline Wash <10 MMBtu/hr	
EP-29B	Phosphate Wash <10 MMBtu/hr	
EP-30	Cure Oven #1	
EP-32	Combined Welding OperatiOns (formerly EU12, EU14, EU23)	
EP-33	Dip Paint - Small Parts	
EP-34A	Alkaline Wash #2	
EP-34B	Phosphate Wash #2	
EP-35	Cure Oven #2	
EP-36	Pyrolysis Furnace #2	
EP-37	Gasoline Storage Tank	
EP-38a	Robotic Spray Paint Booths (2)	
EP-38b	Manual Spray Paint Booth - Intial Touch Up	
EP-39	Paint Cure Oven	
EP-40	Final Touch-up Booth	

4

Please confirm what else is needed to get this issue resolved.

Thank you,

Marci Boone
Operations Manager - Compliance
Environmental Works, Inc.

Office: (417) 890.9500

Mobile: (417) 849.2181

1455 E Chestnut Expy

Springfield MO 65802

24-Hour Emergency Spill Response - 1-877-827-9500

EWI Purpose: We are a Team of enjoyable, productive people, who believe that taking responsibility for our own happiness is the recipe for success.



877.827.9500 24/7 EMERGENCY RESPONSE



From: Mavrakis, Nora <Nora.Mavrakis@dnr.mo.gov>

Sent: Tuesday, September 26, 2023 11:59 AM

To: kdobson@hutchensindustries.com; Marci Boone <mboone@environmentalworks.com>

Cc: Hale, Kendall <kendall.hale@dnr.mo.gov>; Hess, Alana <Alana.Hess@dnr.mo.gov>; DNR.APCPCreditCards <DNR.APCPCreditCards@dnr.mo.gov>

Subject: Notice of Incomplete Application - Hutchens Industries, Inc. (229-0001) - Part 70 Operating Permit Renewal

Dear Kevin Dobson:

My name is Nora Mavrakis. I am an Environmental Engineer with the Missouri Department of Natural Resources' Air Pollution Control Program. I have been assigned to review the renewal application for Hutchens Industries, Inc. Part 70 Operating Permit. The project was received on September 14, 2023 and assigned Project Number 2023-09-019. Please use this project number when making inquiries about the project or when providing additional information. Your name was provided on the application as the company contact person. If this is incorrect, please contact us as soon as possible with the name, address, phone number, and e-mail address of the correct contact person.

Your application has been reviewed and determined to be incomplete. The following will need to be submitted in order for your application to be deemed complete:

- Operating Permit Application Filing Fee. Under the operating permit fee schedule, the operating permit application filing fee was calculated to be \$4,000 (based on having 31-60 emission units and subject to two MACT Standards 40 CFR Part 63, Subparts CCCCCC and HHHHHH). A copy of the fee schedule may be found at [Air Operating Permit Fees | Missouri Department of Natural Resources \(mo.gov\)](https://dnr.mo.gov/air-quality/air-pollution/operating-permit-fees).
- Submit via mail form E01 signed by the same responsible official on the application.

To pay by check, submit payment to the attention of Kendall Hale, Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

To pay by credit card, please use the link below. Be advised that we charge an additional fee for credit card transactions.

<https://magic.collectorsolutions.com/magic-ui/payments/mo-natural-resources/313/>

Include the Project Number and Facility Name with submission of your payment.

Please submit the documents requested to the attention of Nora Mavrakis, Missouri Department of Natural Resources, Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.

Unless I have heard from you, I will follow up this e-mail with a phone call in the next few days to verify that you have received this notification and to answer any questions you might have. I do understand that some of the requested information may take longer than 30 days to supply. If this is the case, please submit a written request by e-mail or letter explaining the need for the extension. I can allow for a one time extension of 30 days. Any additional extensions beyond the 30 days must be approved by my supervisor. Additional information may be required as the permit review continues. Please do not hesitate to call or e-mail me with any questions that you might have.

The Air Pollution Control Program maintains a searchable web page for all pending permit applications received. You can see the entire list of current projects or search by county, city, or date received. You can click on the record number to see the status of your project. Currently, the report is updated once a month. [Missouri Department of Natural Resources - DNR \(mo.gov\)](#)

If you have any questions, please do not hesitate to contact me by phone or e-mail. If I am unavailable, you may contact my supervisor, Alana Hess, at Alana.Hess@dnr.mo.gov or (573) 526-0189.

Thank you.

Sincerely,
Nora R. Mavrakis

Environmental Engineer
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102
(573) 751-8084 or (573) 751-4817
Find us on the web at <https://dnr.mo.gov/>

We'd like your feedback on the service you received from the Missouri Department of Natural Resources. Please consider taking a few minutes to complete the department's Customer Satisfaction Survey at <https://www.surveymonkey.com/r/MoDNRsurvey>. Thank you.

Scanned
JJS

FORM OP-E01 – COMPLIANCE STATUS			
INSTALLATION NAME Hutchens Industries, Inc.	FIPS 229	PLANT NUMBER 0001	YEAR SUBMITTED 2023
(NOTE: This is a required form for ALL permit applications)			
1. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE AT THE TIME OF THE ISSUANCE OF THIS PERMIT.			
Will your installation be in compliance with all applicable requirements at the time of permit issuance and continue to comply with these requirements for the duration of the permit?			
YES ☒ NO ☐ (If no, attach a compliance plan on FORM OP-F01 as described in the instructions)			
2. COMPLIANCE STATUS WITH ALL APPLICABLE REQUIREMENTS EFFECTIVE DURING THE PERMIT TERM.			
Will your installation be in compliance with all applicable requirements taking effect during the term of the permit?			
YES ☒ NO ☐ (If no, attach a compliance plan on FORM OP-F01 as described in the instructions)			
3. COMPLIANCE STATUS WITH ENHANCED MONITORING AND COMPLIANCE CERTIFICATION.			
Is the installation identified in this application in compliance with all applicable enhanced monitoring and compliance certification requirements?			
YES ☒ NO ☐ (If no, attach a compliance plan on FORM OP-F01 as described in the instructions)			
4. SCHEDULE OF SUBMISSION OF COMPLIANCE CERTIFICATION DURING THE PERMIT TERM.			
FREQUENCY OF SUBMITTALS Annual		BEGINNING DATE	
5. CERTIFICATION STATEMENT FOR PART 70 MINOR PERMIT MODIFICATIONS.			
I hereby certify that this request for a permit modification meets the criteria described in 10 CSR 10-6.065(5)(E)5.B(I) for minor permit modifications, and request that the minor permit modification procedures be followed.			
SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY x 		DATE 10/2/2023	
6. CERTIFICATION OF COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS.			
Except for requirements identified in the above statement for which compliance is not achieved, I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.			
SIGNATURE OF RESPONSIBLE OFFICIAL OF COMPANY Kevin Dobson		DATE Director - Human Resources	
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL		OFFICIAL TITLE OF RESPONSIBLE OFFICIAL	

RECEIVED
2023 OCT 12 PM 2:49
AIR POLLUTION
CONTROL PGM