


# CLASS I (TITLE V) PERMIT TO OPERATE A MAJOR SOURCE OF AIR CONTAMINANTS

 Lincoln-Lancaster County Health Department	<b>Lincoln-Lancaster County Health Department</b> Environmental Public Health Division Air Quality Program 3131 O Street Lincoln, Nebraska 68510 Phone: (402) 441-8040      Fax: (402) 441-3890	<b>Patricia D. Lopez, RN, MSN</b> Health Director <b>Brock Hanisch, MS, MPH, REHS</b> Environmental Public Health Division Manager <b>Gary R. Bergstrom, Jr.</b> Air Quality Program Supervisor
<b>LLCHD Air Quality Program Source Number:</b>		<b>00182</b>
<b>Effective Duration of Permit:</b>		
<b>Effective Date:</b>	<b>XX – XX – 2024</b> <small>MM-DD-YYYY</small>	<b>Expiration Date:</b>
		<b>XX – XX – 2029</b> <small>MM-DD-YYYY</small>

**A Title V Permit to Operate a Class I Source of Air Contaminants is Hereby Issued to:**

Permit Holder Name:	<b>Molex, LLC</b>
Address:	<b>2222 Wellington Court</b>
City, State, ZIP:	<b>Lisle, Illinois 60532</b>

**This permit is issued for operation of the following source:**

Facility Site Name:	<b>Molex, LLC</b>
Facility Address:	<b>700 Kingbird Road</b>
City, County, State, ZIP:	<b>Lincoln, Lancaster County, Nebraska 68521</b>
Facility NAICS:	<b>334417: Electronic Connector Manufacturing</b>

**Environmental Public Health Division / Air Quality Program Recommendation:**

<b>Permit Writer:</b>	<input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	PERMIT WRITER APPROVAL
<b>Air Quality Program Supervisor:</b>	<input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	SUPERVISOR APPROVAL
<b>Environmental Public Health Division Manager:</b>	<input type="checkbox"/> Approve Issuance <input type="checkbox"/> Deny Issuance	MANAGER APPROVAL

**Health Director / Air Pollution Control Officer Authorization:**

<p><b><u>ACTION TAKEN:</u></b></p> <p><input type="checkbox"/> Approve Issuance</p> <p><input type="checkbox"/> Deny Issuance</p>	<p style="text-align: center;"><u>[XXXXXXXXXXXXXXXXXXXX]</u></p> <p style="text-align: center;">Date</p>	<p style="text-align: center;"><u>[XX]</u></p> <p style="text-align: center;">Patricia D. Lopez, RN, MSN Health Director</p>
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## Definitions

- Unless otherwise defined, or a different meaning is clearly required by context, the words and phrases, as used in this operating permit, the LLCAPCRS, and the related appendices shall have the meanings set forth in LLCAPCRS Article 2, Section 1 (Definitions).

**Abbreviations, Symbols, and Units of Measure**

Abbreviations, symbols, and units of measure used in this permit shall be as follows:

AP-42	Compilation of Air Pollutant Emission Factors, Volume I, Stationary Point and Area Sources	NAAQS	National Ambient Air Quality Standards
BACT	Best Available Control Technology	NESHAP	National Emission Standards for Hazardous Air Pollutants
bhp	Brake horsepower	NO <sub>2</sub>	Nitrogen dioxide
BMP	Best Management Practice	NO <sub>x</sub>	Nitrogen oxides
Btu	British thermal unit	NSPS	New Source Performance Standard
bu	Bushel	NSR	New Source Review
CAA	Clean Air Act	PAL	Plant-wide applicability limit
CDT/CST	Central Daylight Time/Central Standard Time	Pb	Lead (chemical abbreviation)
CE	Control equipment	PEMS	Predictive Emissions Monitoring System
CEM	Continuous emissions monitor	PM	Particulate matter
CEMS	Continuous emissions monitoring system	PM <sub>10</sub>	Particulate matter with and aerodynamic diameter equal to or less than 10 microns
cf or ft <sup>3</sup>	Cubic feet	PM <sub>2.5</sub>	Particulate matter with and aerodynamic diameter equal to or less than 2.5 microns
CFR	Code of Federal Regulations	ppb	Parts per billion
CO	Carbon monoxide	ppm	Parts per million
CO <sub>2</sub>	Carbon dioxide	ppmv	Parts per million by volume
CO <sub>2</sub> e	CO <sub>2</sub> equivalent	ppmvd	Parts per million by volume, dry basis
C.P.	Construction permit	PSD	Prevention of Significant Deterioration of Air Quality
CPMS	Continuous Parametric Monitoring System	PTE	Potential to emit
dscf	Dry standard cubic feet	RVP	Reid vapor pressure
dscfm	Dry standard cubic feet per minute	RATA	Relative Accuracy Test Audit
EMIS	Emergency Management Information System	RMP	Risk Management Plan
EP	Emission point	RTO	Regenerative thermal oxidizer
ESP	Electrostatic precipitator	§	Section
EU	Emission unit	scf	Standard cubic feet
FID#	Facility Identification Number	SDS	Safety Data Sheet
FDCP	Fugitive dust control plan	SIC	Standard Industrial Classification
FGR	Flue gas recirculation	SIP	State Implementation Plan
FIP	Federal Implementation Plan	SO <sub>2</sub>	Sulfur dioxide
FR	Federal Register	SO <sub>x</sub>	Sulfur oxides
ft	Feet	TDS	Total dissolved solids
FTIR	Fourier Transform Infrared	TO	Thermal oxidizer
GHGs	Greenhouse gases	TO/HRSG	Thermal oxidizer with heat recovery steam generator
gpm	gallons per minute	tpy	Tons per year
H <sub>2</sub> S	Hydrogen sulfide	TRS	Total reduced sulfur
HAP	Hazardous air pollutant	TSP	Total suspended particulate matter
hp	Horsepower	ULNB	Ultra low-NO <sub>x</sub> burner
hr	Hour	ULSD	Ultra low-sulfur diesel (maximum sulfur content of 15 ppm)
kW	Kilowatt	UST	Underground storage tank
kWh	Kilowatt-hour	US EPA	United States Environmental Protection Agency
lb	Pound	UTM	Universal Transverse Mercator
LDAR	Leak detection and repair	VHAP	Volatile hazardous air pollutant
LLCAPCRS	Lincoln-Lancaster County Air Pollution Control Program Regulations and Standards	VMT	Vehicle miles traveled
LLCHD	Lincoln-Lancaster County Health Department	VOC	Volatile organic compound
LNB	Low-NO <sub>x</sub> burner		
MACT	Maximum Achievable Control Technology		
Mgal	One thousand gallons		
MMBtu	One million British thermal units		
MMscf	One million standard cubic feet		
MW	Megawatt		

**Description of Permitting Action**

Molex, LLC (hereinafter referred to as ‘Molex’ or ‘the source’) has applied for an initial Class I (Title V) operating permit for the facility located at 700 Kingbird Road in Lincoln, Nebraska. Molex submitted the initial Class I (Title V) air quality operating permit application on March 20, 2020, which met the requirements for a ‘timely submittal’ based on when the facility became classified as a ‘major source’ of air pollution following the removal of VOC controls from the Environmental Barrier Application process, as well as the removal of VOC emission limits from a previously issued construction permit. A revised Class I (Title V) operating permit application was submitted on July 7, 2020, to incorporate the removal of throughput limits associated with molding resin (EU 3-1) and parts washer solvents (EU 4-1), as well as updating the potential throughput volumes of stamping lubricants (EU 2-1) and environmental barrier application (EU 6-1). Another revised Class I (Title V) operating permit application was submitted on April 15, 2022, to incorporate facility-wide limits on Hazardous Air Pollutants (HAPs), per the owner/operator’s request. This permit will replace the facility’s existing Class II operating permit, which was due to expire on September 1, 2022.

This permit issuance incorporates modifications made to previously issued construction permits, requirements of construction permits issued or modified since the Class II operating permit renewal, and any additional changes made to the facility during the term of the previous permit.

**Permitted Source**

For the purpose of this permit, the following emission units constitute the ‘Permitted Source’.

Emission Unit (EU) #	SCC Code	Emission Point Description	Emission Segment Description
1-1	3-09-010-68	Nickel Plating	Fugitive PM <sub>10</sub> , PM <sub>2.5</sub> , & HAP
1-2	3-09-010-98	Caustic Soda Cleaning	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-3	3-09-010-98	Acid Cleaning	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-4	3-09-010-45	Copper Plating	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-5	3-09-010-98	Tin Plating	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-6	3-09-010-98	Silver Plating	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-7	3-09-010-98	Gold Plating	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-8	3-09-010-98	Palladium Plating	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
1-9	3-09-010-98	Indium Plating	Fugitive PM <sub>10</sub> & PM <sub>2.5</sub>
2-1	3-09-888-01	Stamping Operation	Fugitive VOC & HAP
3-1	3-08-010-07	Molding Operation	Fugitive VOC
4-1	241-50-000-00	Parts Washers	Fugitive VOC
5-1	---	Pyrolysis Oven Vent	Natural Gas Combustion
6-1	---	Environmental Barrier Application	Fugitive VOC & HAP
7-1	---	Production Lubricant	Fugitive VOC

**Insignificant Activities**

The source may operate insignificant activities, which are described in the instructions for Section 4, Insignificant Activities, of the operating permit renewal application. Insignificant activities may include diesel fuel storage tanks, space heaters, or propane or natural gas fired combustion units, such as boilers or other small combustion units, with a heat input capacity of less than eight (8) or ten (10) million British thermal units per hour (MMBtu/hr), respectively. Insignificant activities at this source include the following:

Insignificant Activity	Description
Housekeeping / Cleaning	This includes general cleaning that may involve any number of materials which are used in relatively small quantities for facility cleaning and maintenance purposes.
Maintenance Spray Booth	This booth may be used during fabrication or maintenance of facility support equipment and fixtures. This booth is not used on a production basis and thus in limited in use, on a demand basis, to provide ventilation during maintenance activities. This equipment utilizes small quantities of coating and chemicals on an intermittent / as needed / non-production basis.
5 Natural Gas-Fired Boilers	There are five natural gas-fired boilers that all have heat input ratings well below the 10 MMBtu/hr threshold set forth as the significance level for such boilers. These boilers provide comfort heat and are not subject to any applicable MACT or NSPS standards. (The combined heat input of all 5 boilers is 12.88 MMBtu/hr)
12 Cooling Towers	The circulating water flow rate for each of these cooling towers is below the 2,000 gallon per minute (gpm) threshold set forth as the significance threshold for cooling towers.
Volatile Organic Liquid Storage Vessels	55-gallon storage drums (quantity varies). Emissions of VOC & HAP (if any) are accounted for with the emission units where stored materials are used.

**Permitting Action Regulatory Provisions**

This operating permit is being issued in accordance with the applicable provisions of Article 2, Section 2, 5, 7, 8, 13, and 14 of the Lincoln-Lancaster County Health Department Air Pollution Control Program Regulations and Standards (LLCAPPRS), as well as all other applicable provisions of the LLCAPPRS. Compliance with this permit shall not be a defense to any enforcement action for violation(s) of an ambient air quality standard, or any other local, state, or Federal requirement.

**Source Description**

Molex is located at 700 Kingbird Road in Lincoln, Nebraska. This facility manufactures electrical connections, which involves the plating of metal substrate with several different types of metal plating materials. These electrical connections also require the molding of plastic components. These processes result in the fugitive release of volatile organic compounds (VOC) and hazardous air pollutants (HAP), as well as particulate matter.

A natural-gas fired pyrolysis oven is used to remove plastic resin that has cooled and dried onto the screws used in the molding presses.

### **Facility Regulatory Classification**

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- The facility is not a major source of hazardous air pollutants (HAP) as defined in LLCAPCPRS Article 2, Section 2, paragraph (A), and as such, is classified as an ‘area source’ of HAP.
- The facility is a major stationary source of air pollution as defined in LLCAPCPRS Article 2, Section 2, paragraphs (B) and (G) for the purposes of Class I operating permits (also see LLCAPCPRS Article 2, Section 5, paragraph (A)(1)) and for purposes of Title V as established in 40 CFR Part 70, §70.2.
- The facility is not a major stationary source for the purposes of the Prevention of Significant Deterioration of Air Quality (PSD) Program as established in LLCAPCPRS Article 2, Section 2, paragraph (H) and 40 CFR Part 52 §52.21(b)(1)(i).
- None of emission units associated with this source are subject to the regulation under the New Source Performance Standards (NSPS) in Title 40, Part 60 of the Code of Federal Regulations (40 CFR 60).
- This permit incorporates requirements of the following National Emissions Standards for Hazardous Air Pollutants (NESHAPs) in Title 40, Part 61 of the Code of Federal Regulations (40 CFR 61):
  - Subpart A: NESHAP General Provisions
  - Subpart M: NESHAP for Asbestos
- This permit allows for operation of emission units that are subject to the following National Emissions Standards for Hazardous Air Pollutants for Source Categories (Source Category NESHAPs) in Title 40, Part 63 of the Code of Federal Regulations (40 CFR 63):
  - Subpart A: Source Category NESHAP General Provisions
  - Subpart WWWW: Source Category NESHAP – Area Source Standards for Plating and Polishing Operations
- This facility is not subject to the requirements of Title 40, Part 64 of the Code of Federal Regulations (40 CFR 64): Compliance Assurance Monitoring (CAM)
- This facility is not subject to the requirements of Title 40, Part 68 of the Code of Federal Regulations (40 CFR 68): Chemical Accident Prevention Provisions
- This facility is not subject to the Acid Rain requirements of Title 40, Parts 72, 73, 75, 77, and 78 of the Code of Federal Regulations.
- This facility is subject the requirements of Title 40, Part 82 of the Code of Federal Regulations (40 CFR 82): Protection of Stratospheric Ozone.
- This source is not subject to the requirements of Cross-State Air Pollution Rule (CSAPR), also referred to as the ‘Transport Rule’, established pursuant to the following portions of the Federal Register (FR):
  - 76 FR 48208 (August 8, 2011)
  - 76 FR 80760 (December 27, 2011)
  - 77 FR 10324 (February 21, 2012)
  - 77 FR 34830 (June 12, 2012)
  - 79 FR 71663 (December 3, 2014)
- This facility is subject to the requirements of Title 40, Part 98 of the Code of Federal Regulations (40 CFR 98): Mandatory Greenhouse Gas Reporting, pursuant to §98.2 paragraph (a)(3).
- See Attachment A of this permit for the ‘Permit Shield’, which provides more specific information relating to non-applicability of certain regulations.
- See Attachment B of this permit for more specific information on which regulations apply to the individual emission units associated with this source.

**Public Participation, EPA Review, and Affected States Review**

- Pursuant to Article 2, Section 14 of the LLCAPCPRS, the public has been notified by prominent advertisement of this permit for operation of an air contaminant source, and the thirty (30) day period allowed for comments has elapsed, and all comments received have been addressed. Pursuant to Article 2, Section 13 of the LLCAPCPRS, the Environmental Protection Agency (EPA) and all affected States have been notified of this permit. The forty-five (45) day EPA review period has elapsed, and all comments provided by the EPA and affected States have been addressed.

**Permitting Authority**

- The permitting authority for this project is the Air Quality Program in the Environmental Public Health Division of the Lincoln-Lancaster County Health Department (LLCHD). All documents related to applications for permits to operate any emissions unit or source must be submitted to the LLCHD at the following address.

Lincoln-Lancaster County Health Department  
% Air Quality Program  
3131 'O' Street  
Lincoln, NE 68510

**Compliance Authorities**

- All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the following:
- If required or requested by the EPA, the owner/operator shall submit reports, tests, and/or notifications to the following:

Lincoln-Lancaster County Health Department  
% Air Quality Program  
3131 'O' Street  
Lincoln, NE 68510

US EPA Region 7  
ECAD/AB-Nebraska Air Compliance Coordinator  
11201 Renner Blvd.  
Lenexa, KS 66219

**PERMIT CONDITIONS BEGIN ON FOLLOWING PAGE**

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**Regulations**

- I. Applicable and Non-Applicable Regulations & Requirements.
  - (A) The following sections (§) of the LLCAPCPRS are requirements of this permit:

**Table 1-A: Applicable Regulations of the LLCAPCPRS**

<b>Article 1: Administration and Enforcement</b>	
§1	Intent
§2	Unlawful Acts – Permits Required
§3	Violations – Hearings – Orders
§4	Appeal Procedure
§5	Variance
§6	Annual Fees
§7	Compliance – Actions to Enforce – Penalties for Non-Compliance
§8	Procedure for Abatement
§9	Severability
<b>Article 2: Regulations and Standards</b>	
§1	Definitions
§2	Major Sources – Defined
§5	Operating Permits – When Required
§6	Emissions Reporting – When Required
§7	Operating Permits – Application
§8	Operating Permits – Content
§11	Emergency Operating Permits – Defense
§12	Operating Permit Renewal and Expiration
§13	Class I Operating Permit – EPA Review – Affected States Review
§14	Permits – Public Participation
§15	Operating Permit Modifications – Reopening for Cause
§16	Stack Heights – Good Engineering Practice (GEP)
§17	Construction Permits – When Required
§20	Particulate Limitations and Standards
§22	Incinerator Emission Standards
§23	National Emission Standards for Hazardous Air Pollutants (NESHAPs)
§27	Hazardous Air Pollutants – Maximum Achievable Control Technology (MACT)
§28	Hazardous Air Pollutants – Source Category Emission Standards
§29	Operating and Construction Permit Emission Fees
§32	Duty to Prevent Escape of Visible Airborne Dust
§33	Time Schedule for Compliance
§34	Emission Source Testing and Monitoring
§35	Compliance – Exceptions Due to Startup, Shutdown or Malfunction
§36	Control Regulation Circumvention – When Excepted
§37	Compliance – Responsibility of Owner/Operator Pending Review by Director
§38	Emergency Episodes – Occurrence, Control, and Contingency Plans
<b>Appendices</b>	
I	Emergency Emission Reduction Regulations
II	Hazardous Air Pollutants Sorted by Pollutant Name
III	Hazardous Air Pollutants Sorted by CAS Number



- (B) The following Federal Regulations, including those not currently delegated to the LLCHD or not yet included in the LLCAPCPRS, are requirements of this permit:

**Table 1-B: Applicable Federal Regulations**

<b>40 CFR Part 61: National Emission Standards for Hazardous Air Pollutants (NESHAPs)</b>	
<i>Subpart</i>	<i>Subpart Subject</i>
A	General Provisions
M	Asbestos
<b>40 CFR Part 63: Source Category NESHAPs</b>	
<i>Subpart</i>	<i>Subpart Subject</i>
A	General Provisions
WWWWW	Area Source Standards for Plating and Polishing Operations
<b>40 CFR Part 82: Protection of the Stratospheric Ozone</b>	

- (C) The following sections of the LLCAPCPRS are not requirements of this permit:

**Table 1-C: LLCAPCPRS Regulations not Incorporated in Permit**

<b>Article 2: Regulations and Standards</b>	
§4	Ambient Air Quality Standards
§9	General Permits
§10	Operating Permits for Temporary Sources
§18	New Source Performance Standards (NSPS)
§19	Prevention of Significant Deterioration (PSD) of Air Quality
§21	Compliance Assurance Monitoring (CAM)
§24	Sulfur Compound Emission Standards for Existing Sources
§25	Nitrogen Oxide Emission Standards for Existing Sources
§26	Acid Rain
§3, §30, §31	Reserved

- (D) The following Federal Regulations are not requirements of this permit:

**Table 1-D: Non-Applicable Federal Regulations**

<b>Regulation</b>	<b>Non-Applicable Subparts, Section(s), or Appendix</b>
40 CFR Part 51	Appendix S: Emission Offset Interpretive Ruling
40 CFR Part 52	Subpart A §52.21: Prevention of Significant Deterioration of Air Quality
40 CFR Part 60	Entire rule is non-applicable at the time of permit issuance
40 CFR Part 61	All subparts, except those listed as applicable in Table 1-B
40 CFR Part 63	All subparts, except Subparts B–E and those listed as applicable in Table 1-B
40 CFR Part 64	Entire rule is non-applicable at the time of permit issuance
40 CFR Part 68	Entire rule is non-applicable at the time of permit issuance
40 CFR Parts 72 through 78	All Acid Rain rules are non-applicable at the time of permit issuance

- (E) The following regulation(s) set forth under Title 129 of the Nebraska Administrative Code (Nebraska Air Quality Regulations) do not apply to this source:

**Table 1-E: Non-Applicable State Air Quality Regulations**

<b>Regulation</b>	<b>Regulation Title</b>
Chapter 4	Prevention of Significant Deterioration of Air Quality

- (F) The following chapter(s) of the Lincoln Municipal Code (LMC) are requirements of this permit:

**Table 1-F: Applicable Lincoln Municipal Code (LMC) Chapter(s)**

<b>Chapter</b>	<b>Chapter Title</b>
8.06	Air Pollution

### **General Conditions**

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- II. In accordance with paragraph I of LLCAPCPRS Article 1, Section 2 (Unlawful Acts – Permits Required), it is unlawful to:
  - (A) Construct or operate an air pollution source without first obtaining a permit required under the LLCAPCPRS;
  - (B) Violate any term or condition of this permit or any emission limit set in this permit; or
  - (C) Violate any emission limit or standard established in the LLCAPCPRS.
- III. Violations, hearings, and orders shall be conducted in accordance with LLCAPCPRS Article 1, Section 3 (Violations – Hearings – Orders).
- IV. Appeals shall be conducted in accordance with LLCAPCPRS Article 1, Section 4 (Appeal Procedure).
- V. In accordance with LLCAPCPRS Article 1, Section 5 (Variance), any person who owns or is in control of any plant, building, structure, process, or equipment may apply to the Director for a variance from rules or regulations. Any person who is applying for or has obtained a variance must comply with all requirements of Article 1, Section 5 of the LLCAPCPRS, as applicable.
- VI. The following provisions of LLCAPCPRS Article 1, Section 6 (Fees) are requirements of this permit:
  - (A) Paragraph (A) – Annual Emission Fees: In accordance with paragraph (A)(1) of LLCAPCPRS Article 1, Section 6 (Fees), any person who owns or operates a source as defined in Article 2, Section 1 of the LLCAPCPRS and is required to obtain a Class I or Class II operating permit in accordance with Article 2, Section 5 of the LLCAPCPRS, or is required to obtain a construction permit in accordance with Article 2, Section 17 of the LLCAPCPRS, must pay annual emission fees in accordance with all applicable provisions set forth under Article 1, Section 6, paragraph (A) of the LLCAPCPRS.
  - (B) Paragraph (D) – In accordance with paragraph (D)(2) of Section 6, Any person or source required to obtain an operating permit under Article 2, Section 5 shall pay a permit fee for activities included under paragraphs (D)(2)(a-e) of Section 6. The permit fee shall be charged at the rate specified in paragraph (D)(2) of Section 6. Any person required to submit fees pursuant to Section 6 shall submit the fees to the Director by check or other authorized transfer payable to the Lincoln-Lancaster County Health Department. The fees shall be due and payable within thirty (30) days after issuance of the permit.
  - (C) Paragraph (H) – All fees provided for herein must be payable to the Lincoln-Lancaster County Health Department. All money collected shall be deposited with the City Treasurer’s Office and credited to Fund 145 Title V Clean Air Fund.
- VII. The following provisions of LLCAPCPRS Article 1, Section 7 (Compliance – Actions to Enforce – Penalties for Non-Compliance) are requirements of this permit:
  - (A) Paragraph (A) – The County Attorney or Attorney General may institute enforcement proceedings pursuant to Neb. Rev. Stat., §81-1504(23) Neb. Rev. Stat. §81-1508(4), or Nebr. Rev. Stat. §81-1528(2) against any person who fails to comply with the requirements of the LLCAPCPRS. Nothing in the LLCAPCPRS shall preclude the control of air pollution by resolution, ordinance, or rule, regulation, or standard not in actual conflict with the state air pollution control regulations. (Ref: Neb. Rev. Stat. §71-1631(15)).

- (B) Paragraph (B) – Any person who fails to comply with the requirements of the LLCAPCPRS or who fails to perform any duty imposed by the LLCAPCPRS shall be subject to a civil penalty of not more than ten thousand dollars (\$10,000) per day per violation pursuant to Neb. Rev. Stat. §81-1508.02.
  - (C) Paragraph I – Any person who knowingly and willfully fails to comply with the requirements of the LLCAPCPRS or who knowingly and willfully fails to perform any duty imposed by the LLCAPCPRS shall be subject to criminal prosecution under Neb. Rev. Stat. §81-1508.01.
  - (D) Paragraph (D) – Enforcement proceedings may include injunctive relief in court to restrain any violation that creates an imminent and substantial endangerment to the public health or to the environment pursuant to Neb. Rev. Stat. §81-1508.
- VIII. In accordance with LLCAPCPRS Article 1, Section 8 (Procedure for Abatement), if the Director has determined a violation of the Air Pollution Control Program after any hearing required hereunder or if the Director has probable cause to believe a violation has occurred, the Director shall refer the matter to the County Attorney.
- IX. In accordance with LLCAPCPRS Article 1, Section 9 (Severability), if any clause, paragraph, or section of the LLCAPCPRS shall be held invalid, it shall be conclusively presumed that the City and County would have enacted the remainder of the LLCAPCPRS not directly related to such clause, paragraph, or section.
- X. The following provisions of LLCAPCPRS Article 2, Section 2 (Major Sources – Defined) are requirements of this permit:
- (A) Paragraph (A): Hazardous Air Pollutants – A major source of hazardous air pollutants is:
    - (1) For pollutants other than radionuclides, any stationary source or any group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit, in the aggregate, ten (10) tons per year (tpy) or more of any hazardous air pollutant listed in Appendix II or III of the LLCAPCPRS, twenty-five (25) tpy or more of any combination of such hazardous air pollutants, or such lesser quantity as the Administrator may establish by rule. Notwithstanding the preceding sentence, emissions from any oil or gas exploration or production well (with its associated equipment) and emissions from any pipeline compressor or pump station shall not be aggregated with emissions from other similar units, whether or not such units are in a contiguous area or under common control, to determine whether such units or stations are major sources for hazardous air pollutants. All fugitive emissions must be considered in determining whether a stationary source is a major source.
    - (2) For radionuclides, “major source” shall have the meaning specified by the Administrator by rule.
  - (B) Paragraph (B) – Except as otherwise expressly provided for under the provisions of Section 2, for all regulated pollutants (except Hazardous Air Pollutants, lead, and radionuclides<sup>1</sup>), a major stationary source of air pollutants is defined according to the provisions set forth in paragraphs (B)(1)-(4) of Section 2.
  - (C) Paragraph I – A major stationary source of air pollutants is defined as one which emits, or has the potential to emit five (5) tons per year or more of lead.

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<sup>1</sup> – Major sources of Hazardous Air Pollutants and radionuclides shall be defined according to the applicable provisions set forth in paragraph (A) of Section 2.

- (D) Paragraph (D) – Any physical change that would occur at a stationary source not otherwise qualifying as a major stationary source, shall be considered a major stationary source, if the change by itself would constitute a major stationary source.
  - (E) Paragraph I – A major stationary source that is major for volatile organic compounds (VOC) or nitrogen oxides (NO<sub>x</sub>) shall be considered major for ozone.
  - (F) Paragraph (F) – For the purposes of LLCAPCPRS Article 2, Section 17, paragraph (M), a ‘major stationary source’ includes sources meeting the criteria set forth in LLCAPCPRS Article 2, Section 2, paragraphs (F)(1)-(4).
  - (G) Paragraph (G) – Major sources, for purposes of Class I operating permits, means any stationary source (or group of stationary sources that are located on one or more contiguous or adjacent properties, and are under common control of the same person or persons under common control) belonging to a single major industrial grouping and that are described in paragraphs (A) through (F) of Section 2. For the purposes of defining “major source”, a stationary source or group of stationary sources shall be considered part of a single industrial grouping if all of the pollutant emitting activities at such source or group of sources on contiguous or adjacent properties belong to the same Major Group (i.e., all have the same two-digit code) as described in the Standard Industrial Classification Manual, 1987.
  - (H) Paragraph (F) – For the purposes of the Prevention of Significant Deterioration of Air Quality Program (PSD), a ‘major stationary source’ includes sources meeting the criteria set forth in LLCAPCPRS Article 2, Section 2, paragraphs (H)(1)-(4).
  - (I) Paragraph (I) – Major source of particulate matter, for purposes of Class I operating permits, shall be determined based on the potential to emit PM<sub>10</sub>.
- XI. The following provisions of LLCAPCPRS Article 2, Section 5 (Operating Permits – When Required) are requirements of this permit:
- (A) Paragraph (A)(1) – This source is required to obtain a Class I operating permit, as the source is a major source as defined in Article 2, Section 2 of the LLCAPCPRS.
  - (B) Paragraph (C) – This operating permit is issued only for the emission units included in the approved permit application.
- XII. The following provisions of LLCAPCPRS Article 2, Section 6 (Emissions Reporting – When Required) are requirements of this permit:
- (A) Paragraph (A) – The owner/operator must complete and submit to the Department an annual emissions inventory on forms furnished by or acceptable to the Department by March 31 of each year. The inventory must include all emissions associated with the emission units included in the Permitted Source. The inventory form must be certified in accordance with Condition XIII(B) of this permit.
  - (B) Paragraph (B) – The annual emissions inventory must include the information set forth under paragraphs (B)(1-3) of Section 6.
  - (C) Paragraph C – Actual emissions shall be calculated using the methods and procedures set forth under paragraphs C(1-9) of Section 6.
  - (D) Paragraph (D) – Except as otherwise provided in I above, any other test methods and procedures for use in determining actual emissions must be approved by the LLCHD.
  - (E) The LLCHD may require the submittal of supplemental information to verify or otherwise assure the quality of emissions reported.
- XIII. The following provisions of LLCAPCPRS Article 2, Section 7 (Operating Permits – Application) are requirements of this permit:

- (A) Paragraph (B)(6) – For purposes of permit renewal, a timely application is one that is submitted at least six (6) months prior to the date of permit expiration or such longer time as may be approved by the Director after notice to the owner/operator that ensures that the permit will not expire before the permit is renewed. In no event shall this time be greater than eighteen (18) months.
  - (B) Paragraph (H) – All reports and compliance certifications submitted must contain certification by a responsible official of truth, accuracy, and completeness. This certification must state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- XIV. The following provisions of LLCAPCPRS Article 2, Section 8 (Operating Permits – Content) are requirements of this permit:
- (A) Paragraph (C)(1) – This permit is issued for a fixed term of five (5) years from the date of issuance.
  - (B) Paragraph (C)(2) – The conditions of an expiring permit shall continue until the effective date of a new permit, provided that the owner/operator has submitted a timely application, and the Director does not issue a new permit with an effective date before the expiration date of the previous permit.
  - (C) Paragraph (D)(2)(a) – The owner/operator must maintain records of required monitoring information, which must include the following:
    - (1) The date and place (as defined in permit), and time of sampling or measurements;
    - (2) The date(s) analyses were performed;
    - (3) The company or entity that performed the analyses;
    - (4) The analytical techniques or methods used;
    - (5) The results of such analyses; and
    - (6) The operating conditions existing at the time of sampling or measurement.
  - (D) Paragraph (D)(2)(b) – The owner/operator must retain records of all required monitoring data and support information for a period of at least sixty (60) months from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. The owner/operator must also maintain all records required by the Specific Conditions of this permit for a period of at least sixty (60) months from the date of origin. These records must be readily accessible and made available for inspection upon request by the Department.
  - (E) Paragraph (D)(3)(a) – The owner/operator must submit reports of applicable monitoring requirements and instances of deviations from permit requirements every six (6) months to the Department. These reports must be submitted by August 15<sup>th</sup> to cover the reporting period of January 1<sup>st</sup> through June 30<sup>th</sup>, and by February 15<sup>th</sup> to cover the reporting period of July 1<sup>st</sup> through December 31<sup>st</sup> of the previous year. A responsible official must certify the reports, as well as any other document required by this permit. If the timing of the semi-annual report is such that it may be combined with the report required in paragraph (R) of this condition, a semi-annual report shall be submitted only once each year, six (6) months after the report required in paragraph (R) is submitted. If the owner/operator elects to combine the report required under paragraph (R) with the semi-annual monitoring and deviation report, the report required under paragraph (R) must contain all required elements for semi-annual monitoring and deviation reporting.

- (F) Paragraph (D)(3)(b) – The owner/operator must report deviations from permit requirements, identify the probable cause of the deviations, and list corrective actions or preventative measures taken. All reports of the deviations must be submitted within the time frames specified in paragraphs (1)-(3), below. The report may be submitted initially without a certification if an appropriate certification is provided within ten (10) days thereafter, together with any corrected or supplemental information required concerning the deviation. The following schedule will be followed to report the deviations:
- (1) Any deviation resulting from emergency or upset conditions must be reported within two working days of the date on which the owner/operator first becomes aware of the deviation, if the owner/operator wishes to assert the affirmative defense authorized under Article 2, Section 11 of the LLCAPCPRS.
  - (2) Any deviation that poses an imminent and substantial danger to public health, safety, or the environment must be reported as soon as is practicable.
  - (3) All other deviations will be reported as specified in paragraph (E) of this condition.
- (G) Paragraph (F) – The unchallenged permit requirements shall remain valid in the event of a challenge to any portions of the permit.
- (H) Paragraph (G)(1) – The owner/operator must comply with all conditions of the Class I permit. Any permit noncompliance shall constitute a violation of the LLCAPCPRS and the Act, and is grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or for denial of a permit renewal application.
- (I) Paragraph (G)(2) – It shall not be a defense for an owner/operator in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
- (J) Paragraph (G)(3) – The permit may be modified; revoked, reopened, and reissued; or terminated for cause in accordance with the provisions of LLCAPCPRS. The filing of a request by the owner/operator for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated noncompliance does not supersede any permit condition.
- (K) Paragraph (G)(4) – This operating permit does not convey any property rights of any sort, or any exclusive privilege.
- (L) Paragraph (G)(5) – The owner/operator must furnish to the Department, within the time specified by the Department, any information requested by the Department in writing to determine whether cause exists for modifying, revoking and reissuing; or terminating the permit or to determine compliance with the permit. Upon request, the owner/operator must also furnish to the Department, copies of records required to be kept in accordance with the permit or, for information claimed to be confidential, the owner/operator may furnish such records along with a claim of confidentiality pursuant to Neb. Rev. Stat. §84-712.05.
- (M) Paragraph (G)(6) – The owner or operator must maintain a copy of the permit application, including any supporting emissions calculations or other related materials, on file at the location of the source or at the owner's or operator's main or corporate office.
- (N) Paragraph (G)(7) – The owner or operator must place a copy of the permit and of the letter of transmittal on file at the location of the source no later than fourteen (14) calendar days after the date of the letter of transmittal. A copy of the permit must also be placed on file at the owner's or operator's main or corporate office no later than thirty (30) calendar days after the date of the letter of transmittal.



- (O) Paragraph (J) – Conditions under which this permit may be reopened for cause, revoked and reissued, or terminated are as specified under Conditions XVII(D)-(E) of this permit.
- (P) Paragraph (L)(2) – Upon presentation of credentials and other documents as may be required by law, the owner/operator must allow the Department, the Administrator, or an authorized representative to perform the following:
  - (1) Enter upon the permittee’s premises at reasonable times where a source subject to a Class I operating permit is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
  - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (3) Inspect at reasonable times any facilities, pollution control equipment, including monitoring and air pollution control equipment, practices, or operations regulated or required under the permit; and
  - (4) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
- (Q) Paragraph (L)(3) – The source has indicated compliance with all applicable requirements, including the specific conditions of this permit, effective at the time of permit issuance, and must continue to comply with these requirements. The source must meet all requirements that become effective during the term of this permit in a timely manner unless a more detailed compliance schedule is expressly required by the applicable requirement.
- (R) Paragraph (L)(5) – Certification of compliance with the terms and conditions of this permit for the preceding year must be submitted to the ‘Compliance Authorities’ listed on page 7 of this permit each year. The report must be submitted by February 15<sup>th</sup> and must certify compliance with the reporting period for the previous calendar year (January 1<sup>st</sup> through December 31<sup>st</sup>). This report must include the following information:
  - (1) The identification of each term or condition of the permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) A determination of whether compliance was continuous or intermittent;
  - (4) The method’s used for determining the compliance status of the source, currently, and over the reporting period; and
  - (5) Such other facts as the Department may require to determine the compliance status of the source.
- (S) Paragraph (M) – The Director may place such conditions and restrictions upon a permit issued or renewed under this section as he or she deems necessary to protect public health or the environment. Such conditions or restrictions may be placed upon the permit at the time it is issued, modified, or renewed. By the way of example, and not of limitation, such conditions or restrictions may be new federal applicable requirements not yet adopted in the LLCAPCRS.
- (T) Paragraph (N) – The owner/operator has requested a Permit Shield in accordance with paragraph (N)(1) of Section 15. In accordance with 40 CFR Part 70 §70.6 paragraph (f), the Department hereby provides a Permit Shield to the owner/operator with the following conditions:
  - (1) Attachment A of this permit contains the regulations and requirements that are included under this permit shield, including further detail regarding the non-applicability of select federal regulations.

- (2) This permit shield provides that compliance with this permit during its term constitutes compliance with all applicable requirements identified pursuant to LLCAPCPRS Article 2, Section 7 as of the date of permit issuance, provided that:
    - (a) Such applicable requirements are included and specifically identified in the permit; or
    - (b) The Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination.
  - (3) Nothing in this permit shall alter or affect EPA's authority under the provisions of Section 303, Emergency Powers, of the Clean Air Act.
- XV. The following provisions of LLCAPCPRS Article 2, Section 11 (Emergency Operating Permits – Defense) are requirements of this permit:
- (A) Paragraph (A) – For the purpose of a Class I operating permit, an “emergency” means any situation arising from sudden, unavoidable, and reasonably unforeseeable events beyond the control of the source, including acts of God, which requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.
  - (B) Paragraph (B) – An emergency constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the conditions of paragraph (C) below are met.
  - (C) Paragraph I – The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
    - (1) An emergency occurred and that the owner/operator can identify the cause(s) of the emergency;
    - (2) The permitted facility was, at the time, being properly operated;
    - (3) During the period of the emergency, the owner/operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
    - (4) The owner/operator submitted notice of the emergency to the Department within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
  - (D) Paragraph (D) – In any enforcement proceeding, the owner/operator seeking to establish the occurrence of an emergency has the burden of proof.
  - (E) Paragraph I – This provision is in addition to any emergency or upset provision contained in any applicable requirement.
- XVI. The following provisions of LLCAPCPRS Article 2, Section 12 (Operating Permit Renewal and Expiration) are requirements of this permit:
- (A) Paragraph (B) – The expiration of an operating permit terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with LLCAPCPRS Article 2, Section 7, paragraphs (B)-(C).



- (B) Paragraph (C) – The conditions of an expired operating permit shall continue until the effective date of a new permit, provided the permittee has complied with LLCAPCPRS Article 2, Section 8, paragraph (C)(3), or until the application for a permit is denied. The LLCHD shall deny the application for a permit if any of the following are true:
- (1) The permittee is not in substantial compliance with the terms and conditions of the expired permit, or with a stipulation, agreement, or compliance schedule designed to bring the permittee into compliance with the permit;
  - (2) The Department, as a result of an action or failure to act on the part of the permittee, has been unable to take final action on the application on or before the expiration date of the permit; or
  - (3) The permittee has submitted an application with major deficiencies or has failed to properly supplement the application in a timely manner after being informed of the deficiencies.

XVII. The following provisions of LLCAPCPRS Article 2, Section 15 (Permit Modifications – Reopening for Cause) are requirements of this permit:

- (A) Paragraph (A) – The owner/operator may request the LLCHD to make an administrative permit amendment in writing by specifying the section of the permit that is to be changed and the reason for the change. The source may implement the changes addressed in the request immediately upon submittal of the request, subject to the Department’s final action on the request. Administrative permit amendments include any permit revision that meet the criteria established in paragraphs (A)(1)(a)-(d) of Section 15.
- (B) Paragraph (C) – The owner/operator may request a minor permit modification consistent with the procedures set forth under paragraph (C) of Section 15, provided that the modification meets the criteria established in paragraphs (C)(1)(a)-(g) of Section 15.
- (C) Paragraph I – Any modification not meeting the administrative permit amendment criteria in paragraph (A) of Section 15, and/or the minor permit modification criteria in paragraph (C) of Section 15 shall be processed in accordance with the provisions for a significant permit modification established in paragraphs I(1)-(5) of Section 15.
- (D) Paragraph (F)(1) – Conditions under which this permit may be reopened, revoked and reissued, or terminated during its term for cause, include but are not limited to:
- (1) Additional applicable requirements under the Act or the LLCAPCPRS, which become applicable to this source with a remaining permit term of three (3) or more years. Such reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended;
  - (2) Additional requirements, including excess emissions requirements that become applicable to an affected source under the acid rain program under Title IV of the Act;
  - (3) The Administrator determines that the permit must be revoked or reissued to assure compliance with the applicable requirements;
  - (4) The Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of the permit; and
  - (5) The Administrator determines that an applicable requirement or applicable requirement under the Act applies which was not identified by the owner/operator in its application.

- (E) Paragraph (F)(2) – A permit may be revoked during its term for cause, including but not limited to:
    - (1) The existence at the facility of unresolved noncompliance with applicable requirements or a term or condition of the permit, and refusal of the owner/operator to agree to an enforceable schedule of compliance to resolve the noncompliance;
    - (2) The owner/operator has falsely certified or submitted false, incomplete, or misleading information to the Department or EPA;
    - (3) The LLCHD determines that the permitted facility or activity endangers human health or the environment and that the danger cannot be removed by a modification of the permit; or
    - (4) The owner/operator has failed to pay a penalty owed pursuant to court order, stipulation and agreement, or order issued by the Administrator.
  - (F) Paragraph (G) – The owner/operator may make changes to a permitted facility without a permit revision if the change is not a modification under LLCAPCPRS Article 2, Sections 18, 23, 27, or 28, the change does not require a construction permit under LLCAPCPRS Article 2, Sections 17 or 19, and the change is allowed under the applicable provisions of paragraphs (G)(1) or (G)(2) of Section 15. The Permit Shield provided under Condition XIV(T) of this permit shall not apply to any changes made under these provisions.
  - (G) Paragraph (H) – No permit revisions shall be required under any State-approved programs providing for economic incentives, marketable permits, emissions trading or other similar programs or processed for changes that are provided for in the permit.
- XVIII. In accordance with paragraph (A) of LLCAPCPRS Article 2, Section 16 (Stack Heights – Good Engineering Practice), the degree of emissions limitation required of any source for control of any air pollutant shall not be affected by so much of any source’s stack height that exceeds good engineering practice or by any other dispersion technique, except as provided in paragraph (B) of Section 16.
- XIX. Construction Permits. In accordance with paragraph (A) of LLCAPCPRS Article 2, Section 17 (Construction Permits – When Required), no person shall cause the construction, reconstruction, or modification at any of the items specified in Article 2, Section 17 of the LLCAPCPRS without first having obtained a construction permit from the Department in the manner prescribed by the LLCAPCPRS.
- XX. The owner/operator must comply with all regulations set forth in LLCAPCPRS Article 2, Section 18 (New Source Performance Standards (NSPS)) determined to be applicable to the source.
- XXI. The following provisions of LLCAPCPRS Article 2, Section 20 (Particulate Limitations and Standards) are requirements of this permit:
- (A) Paragraph (A) – The owner/operator must limit the emissions of particulates from any processing machine, equipment, device or other articles, or any combination thereof to no greater than the amounts set forth in Table 20-2 of Section 20 during any one (1) hour.
  - (B) Paragraph (B) – The owner/operator must limit the emissions of particulate matter caused by the combustion of fuel in accordance with the limits set forth in Table 20-1 of Section 20, as they apply based on heat input rating.
  - (C) Paragraph I – The owner/operator must not cause or allow emissions from any emission point that are of opacity equal to or greater than twenty percent (20%), as evaluated by Method 9 in Appendix A of 40 CFR 60, or recorded by a continuous opacity monitoring system operated and maintained pursuant to 40 CFR Part 60 Appendix B, except as provided for in paragraph (D) of this condition.

- (D) Paragraph (F) – Emission sources subject to monitoring requirements of Article 2, Section 34, paragraph I of LLCAPCPRS are allowed to have one six-minute period per hour of not more than twenty-seven percent (27%) opacity. For the purpose of this permit, this exception applies to any unit equipped with a continuous opacity monitoring system (COMS) installed, calibrated, and operated in accordance with the procedures specified in 40 CFR Part 60 Appendix B.
  
- XXII. The owner/operator must comply with regulations set forth in LLCAPCPRS Article 2, Section 23 (National Emission Standards for Hazardous Air Pollutants (NESHAPs)), if any are determined to be applicable to the Permitted Source.
  
- XXIII. The owner/operator must comply with all regulations set forth in LLCAPCPRS Article 2, Section 28 (Hazardous Air Pollutants – Source Category Emissions Standards) determined to be applicable to the source.
  
- XXIV. The following provisions of LLCAPCPRS Article 2, Section 32 (Duty to Prevent Escape of Visible Airborne Dust) are requirements of this permit:
  - (A) Paragraph (A) – The source must not cause or permit fugitive particulate matter to become airborne in such quantities and concentrations that it remains visible in the ambient air beyond the premise where it originates.
  - (B) Paragraph (B) – The source must not cause or permit a road, driveway, or open area to be used without applying all such reasonable measures to prevent particulate matter from becoming airborne so that it remains visible beyond the premises where it originates. Such reasonable measures include but are not limited to: paving or frequent cleaning of roads, driveways, and parking lots; application of water or chemical dust suppressants; and the planting and maintenance of vegetative ground cover.
  
- XXV. The following provisions of LLCAPCPRS Article 2, Section 33 (Time Schedule for Compliance) are requirements of this permit:
  - (A) Paragraph (A) – Except as otherwise noted in specific emission control regulations, compliance with the LLCAPCPRS shall be according to the schedule provided under paragraphs (A)(1)-(3) of Section 33.
  - (B) Paragraph (B) – Compliance schedules requiring more than twelve (12) months to conform with applicable rules and regulations to meet National Primary and Secondary Ambient Air Quality Standards will be accomplished in progressive steps. A report will be made in writing to the LLCHD within five (5) days after each step is completed.
  - (C) Paragraph I – Failure to meet time schedules approved in accordance with paragraphs (A)(1)-(2) of Section 33 shall constitute a violation of the LLCAPCPRS unless a request to amend the time schedule is received at least thirty (30) days before the end of any specified period approved for a particular activity. Such a request to amend the schedule shall contain the same type of information as required for the initial request for variance as described in paragraph (A)(3) of Section 33.

XXVI. The following provisions of LLCAPCPRS Article 2, Section 34 (Emission Source Testing and Monitoring) are requirements of this permit:

- (A) Paragraph (A) – The Department may require any person responsible for the operation of an emission source to make or have tests made to determine the rate of contaminant emissions from the source whenever it has reason to believe, on the basis of estimates of potential contaminant emissions rates from the source and due consideration of probable efficiency of any existing control device, or visible emission determinations made by an official observer, that existing emissions exceed the limitations required in the LLCAPCPRS. Such tests may also be required pursuant to verifying that any newly installed control device meets performance specifications. Should the Department determine that the test did not represent normal operating conditions or emissions, additional tests may be required. Such a requirement shall be considered as an order and subject to all administrative and legal requirements specified.
- (B) Paragraph (B) – Required tests must be conducted in accordance the test methods and procedures established in paragraphs (B)(1)-(6) of Section 34. A written copy of the test results, certified for completeness and accuracy and signed by the person conducting the test, shall be provided to the Department within sixty (60) days of completion of the test unless a different period is specified in the underlying requirements of an applicable federal rule.
- (C) Paragraph I – The owner or operator of a source must provide notice to the Department at least thirty (30) days prior to testing to afford the Department an opportunity to have an observer present. The Department may, in writing, approve a notice of less than thirty (30) days. If the testing is pursuant to an underlying requirement contained in a federal rule, the notice provisions of the underlying requirement shall apply.
- (D) Paragraph (D) – The Department may conduct tests of emissions of contaminants from any stationary source.
  - (1) Upon written request from the Department, the person responsible for the source to be tested shall cooperate with the Department in providing all necessary test ports in stacks or ducts and such other safe and proper facilities, exclusive of instruments and sensing devices, as may be reasonably required to conduct the test with due regard being given to expenditures and possible disruption of normal operations of the source.
  - (2) A report concerning the findings of such tests shall be furnished to the person responsible for the source upon request.
- (E) Paragraph (F) – The LLCHD may require the owner or operator of any other emission source which is subject to the provisions of these regulations to install, use and maintain such stationary monitoring equipment as is required to demonstrate continuing compliance with any applicable emissions limitations, and to maintain records and make reports regarding such measured emissions to the Department in a manner and on a schedule to be determined by the LLCHD.
- (F) Paragraph (G) – When a new or modified stationary source becomes operational, the owner or operator will submit a written report of performance tests (if required) to the LLCHD within sixty (60) days after reaching maximum capacity but not later than one hundred eighty (180) days after the startup of operations. Failure to meet established performance standards will result in withdrawal of the provisional approval granted to operate the new or modified stationary source. Final approval and issuance of an operating permit will be withheld for operation of the affected facility until such time as the owner or operator has corrected the deficiencies determined by the performance tests. Upon satisfactory accomplishment of a valid series of performance tests, approval for operation of the new or modified stationary source will be granted through issuance of an operating permit in accordance with Article 2, Section 5.

- (G) Paragraph (H) – Notwithstanding any other provisions of LLCAPCPRS, the following methods may be used to determine compliance with applicable requirements:
- (1) A monitoring method approved for the source and incorporated in an operating permit pursuant to LLCAPCPRS Article 2, Section 8;
  - (2) Any compliance test method specified in the State Implementation Plan (SIP);
  - (3) Any test or monitoring method approved for the source in a permit issued pursuant to LLCAPCPRS Article 2, Sections 17, 19, or 27;
  - (4) Any test or monitoring method provided for in the LLCAPCPRS; or
  - (5) Any other test, monitoring, or information gathering method that produces information comparable to that produced by any method described in paragraphs (1) through (4) of this condition.
  - (6) Paragraph (I) – Where allowed by the Department, the owner or operator of any PEMS used to meet a pollutant monitoring requirement must comply with all applicable provisions set forth in paragraphs (I)(1-6) of Section 34. Owners/operators of PEMS must apply for approval of a PEMS system in accordance with paragraph (J) of Section 34 and must also comply with all applicable provisions set forth in paragraphs (K)-(O) of Section 34.

**XXVII.** The following provisions of LLCAPCPRS Article 2, Section 35 (Compliance – Exceptions Due to Startup, Shutdown, or Malfunction) are requirements of this permit:

- (A) Paragraph (A) – Upon receipt of a notice of excess emissions issued by the Department, the owner/operator may provide information showing that the excess emissions were the result of a malfunction, start-up, or shutdown.
- (B) Paragraph (B) – The information provided by the source operator under paragraph (A) of this condition must include, at a minimum, the information specified in paragraphs (B)(1)-(9) of Section 35.
- (C) Paragraph (C) – The owner/operator must submit the information specified in paragraph (B) of this condition no later than fifteen (15) days after receipt of the notice of excess emissions.
- (D) Paragraph (D) – The owner/operator must notify the Director, in writing, whenever a planned start-up or shut down may result in excess emissions. This notice must be mailed, no later than ten (10) days prior to such action and must include, but not be limited to, the information specified in paragraphs (D)(1)-(10) of Section 35.
- (E) Paragraph (E) – The owner/operator must notify the Director, in writing, whenever emissions due to malfunctions, unplanned shutdowns or ensuing start-ups are, or may be, in excess of applicable emission control regulations for one hour or more. Such notification must be mailed within forty-eight (48) hours of the beginning of each period of excess emissions and must include, but not be limited to, the information required in paragraph (D) of Section 35.

**XXVIII.** The following provisions of LLCAPCPRS Article 2, Section 36 (Control Regulations – Circumvention – When Excepted) are requirements of this permit:

- (A) Paragraph (A) – No person shall cause or permit the installation or use of any machine, equipment, device, or other article, or alter any process in any manner which conceals or dilutes the emissions of contaminants without resulting in a reduction of the total amounts of contaminants emitted.



(B) Paragraph (B) – Exception to paragraph (A) above may be granted by the LLCHD, upon request, provided that such action is intended to convert the physical or chemical nature of the contaminant emission and that failure to reduce total contaminant emissions results solely from the introduction of contaminants which are not deemed to be detrimental to the public interest.

XXIX. In accordance with LLCAPCPRS Article 2, Section 37 (Compliance – Responsibility of Owner/Operator Pending Review by Director), application for review of plans or advice furnished by the LLCHD will not relieve the owner or operator of a new or modified stationary source of legal compliance with any provision of the LLCAPCPRS, or prevent the Director from enforcing or implementing any provision of the LLCAPCPRS.

XXX. In accordance with LLCAPCPRS Article 2, Section 38 (Emergency Episodes – Occurrence, Control and Contingency Plans), if and when the Director declares an air pollution emergency episode as defined in Section 38, the source must perform all applicable Air Pollution Emergency Actions as required by LLCAPCPRS Appendix I, paragraphs 1.3 (a)(1) and 1.3 (b)(1)-(2) until the Director declares the air pollution episode terminated.

XXXI. The owner/operator must comply with all applicable provisions of 40 CFR Part 82 – Protection of the Stratospheric Ozone. Affected controlled substances can be found in 40 CFR Part 82, Subpart A – Appendix A (Class I Controlled Substances) and Appendix B (Class II Controlled Substances). The following conditions are requirements of this operating permit:

(A) The owner/operator must comply with the standards for labeling of products containing ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

- (1) The following must bear the required warning statement if introduced into interstate commerce pursuant to §82.106:
  - (a) All containers in which a Class I or Class II substance is stored or transported;
  - (b) All products containing a Class I substance; and
  - (c) All products directly manufactured with a Class I substance.
- (2) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
- (3) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
- (4) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.

(B) The owner/operator must comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVAC) in 40 CFR Part 82, Subpart B:

- (1) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
- (2) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.
- (3) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
- (4) Persons disposing of small appliances, MVAC, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to §82.166. (“MVAC-like appliance” as defined at §82.152)

- (5) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
- (6) Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- (C) If any person manufactures, transforms, imports, or exports a Class I or Class II substance at this source, the owner/operator must ensure compliance with all requirements as specified in 40 CFR Part 82, Subpart A (Production and Consumption Controls).
- (D) If any person performs service on motor (fleet) vehicles at this source when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the MVAC, the owner/operator must ensure compliance with all applicable requirements as specified in 40 CFR Part 82, Subpart B (Servicing of MVAC). The term “motor vehicle” as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term “MVAC” as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant.
- (E) The owner/operator shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G (Significant New Alternatives Policy Program).

XXXII. Requirements Established Pursuant to Department Authority. Pursuant to the authorities granted in Section 8.06.030 of the Lincoln Municipal Code (LMC 8.06.030 – Air Pollution, Director Powers and Duties), Section 4 of the Lancaster County Air Pollution Control Resolution (R-13-0073), and Neb. Rev. Stat. §81-1504, the following conditions are requirements of this permit:

- (A) Permits. The LLCHD shall have the authority to issue, continue in effect, revoke, modify, or deny permits, under such conditions as the LLCHD may prescribe and consistent with the Clean Air Act and the LLCAPCPRS.
- (B) Testing and Sampling. The owner/operator shall allow the LLCHD, US EPA, or an authorized representative to conduct tests and take samples of air contaminants, fuel, process materials, or any other substance which affects or may affect discharges or emissions of air contaminants from any source. The owner/operator shall submit air contaminant emission information in connection with such inspections, tests, and studies.
- (C) Orders, Abatement, and Pollution Control. The LLCHD, US EPA, or an authorized representative shall have the authority to issue, modify, or revoke orders prohibiting or abating discharges of air pollutants, or requiring the construction of control systems or any parts thereof or the modification, extension, or adoption of other remedial measures to prevent, control, or abate air pollution.
- (D) Inspection. The owner/operator shall allow the LLCHD, US EPA, or an authorized representative to enter and inspect or cause to be inspected, during reasonable hours, any building, facility, or place (except a building designed for and used exclusively for a private residence) as the LLCHD deems necessary to determine compliance with the provisions of the LLCAPCPRS.

**Specific Conditions**

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XXXIII. Authority for Specific Conditions. The specific conditions of this permit are in accordance with the requirements of LLCAPCPRS, Article 2, Section 8, paragraphs (M) and (P), other applicable requirements as indicated, as well as the following construction permits:

- Minor-NSR Construction Permit No. 234 (Attachment C) issued [DATE TBD]

XXXIV. Source-Wide Requirements. As authorized by Condition XXXIII of this permit, the Director has determined the following to be requirements of this permit. Unless otherwise specified in a Specific Condition of this permit, these conditions apply generally to all affected emission units (EU).

(A) Operating Requirements, Throughput Limits, and Work Practice Standards.

- (1) In accordance with the following paragraphs of Article 2, Section 22 of the LLCAPCPRS, the owner/operator shall operate EU 5-1 (Pyrolysis Oven) in accordance with the following requirements:
  - (a) Paragraph (C): The burning capacity of EU 5-1 shall be the manufacturer's or designer's guaranteed maximum rate or such other rate as may be determined by the Director in accordance with good engineering practice.
  - (b) Paragraph (D): Waste burned during performance testing (if required by Article 2, Section 34 of the LLCAPCPRS) shall be representative of the waste normally burned by EU 5-1 and shall be charged at a rate equal to the burning capacity of the incinerator. Copies of additional operational data recorded during the test shall be submitted to the Department together with the completed test report forms.
  - (c) Paragraph (E): Instructions for proper operation of the incinerator shall be posted on site and written certification that each operator has read these instructions, understands them and intends to comply, shall be kept on record by the owner.
  - (d) Paragraph (F): EU 5-1 be equipped with an adequate stack, duct, or chimney through which the products of combustion will be vented.
  - (e) Paragraph (G): Chemotherapeutic and low-level radioactive wastes (as defined at 40 CFR Part 60 Subpart Ec §60.51c) shall not be incinerated.
- (2) The owner/operator shall operate all emission units associated with the Permitted Source in accordance with the manufacturer's specifications or the site's standard operating procedures for the equipment. At all times, including periods of startup, shutdown, and malfunction, the owner/operator shall, to the extent practicable, maintain and operate all emission units associated with the Permitted Source in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
- (3) The owner/operator is subject to all elections specified in the approved application, and any emissions controls used shall be at a minimum those elected in Section 6 of the approved application. The owner/operator may contact the Department to request or submit modifications to the approved application.
- (4) The owner/operator shall comply with all applicable operating requirements, throughput limits, and/or work practice standards established pursuant to the Federal Regulations incorporated by reference under the paragraph (G) of this condition.



(B) Emission Limits and Emission Control Requirements.

- (1) In accordance with the requirements set forth in Construction Permit No. 234, the owner/operator shall limit emissions of combined volatile organic compounds (VOCs) from EU 2-1 (Stamping Operation) to no more than 185,366 pounds (92.683 tons) during any period of twelve (12) consecutive months.
- (2) In accordance with the requirements set forth in Construction Permit No. 234, the owner/operator shall limit emissions of combined volatile organic compounds (VOCs) from EU 6-1 (Environmental Barrier Application) to no more than 170,000 pounds (85.000 tons) during any period of twelve (12) consecutive months.
- (3) The owner/operator shall limit emissions of the single greatest hazardous air pollutant (HAP) from the Permitted Source to no more than 19,000 pounds (9.50 tons) during any consecutive twelve (12) month period and combined hazardous air pollutants from the Permitted Source to no more than 49,000 pounds (24.50 tons) during any period of twelve (12) consecutive months.
- (4) The owner/operator shall limit particulate matter (PM) emissions in accordance with the requirements referenced under Condition XXI of this permit, specifically:
  - (a) PM emissions shall not exceed the heat input rate PM emission limits referenced in Condition XXI(B) of this permit. Compliance with this requirement may be demonstrated by use of technically valid engineering calculations. These calculations shall be performed using the emissions factors presented in the approved permit application, the 5<sup>th</sup> edition of AP-42, the EPA's *WebFIRE* database, or other factor(s) approved by the Department.
  - (b) Opacity of PM emissions shall be limited in accordance with the limits and requirements referenced in Conditions XXI(C)-(D) of this permit. Unless otherwise specified, compliance with this requirement shall be demonstrated using the monitoring procedures established in paragraph XXXIV(D)(4) of this condition.
- (5) In accordance with Article 2, Section 22, paragraphs (B) of the LLCAPCPRS, the owner/operator shall limit emissions of particulate matter (PM) from EU 5-1 (Pyrolysis Oven) to no more than one-tenth of a grain per dry standard cubic foot (0.10 gr/dscf) of exhaust gas, corrected to seven percent oxygen (7% O<sub>2</sub>). The exhaust gases contributed by the burning of liquid or gaseous fuel shall be excluded.
- (6) In accordance with the elective emission control requirements agreed to by the owner/operator in Section 6 of the approved application, particulate matter (PM) and metallic hazardous air pollutant (metallic HAP) emissions from the emission units included in Table 34-B6 below shall be controlled using the control device(s) listed for each emission unit. Each control device shall be capable of achieving and maintaining, at a minimum, the emission control efficiency indicated in Table 34-B6, and shall be operated and maintained in accordance with the requirements set forth in paragraph (B)(7) of this condition.

**Table 34-B6: Emission Units Subject to Emission Control Requirements**

EU #	Description	Control Device	Minimum Control Efficiency
1-1	Nickel Plating	High Efficiency Wet Scrubber	90%
1-2	Caustic Soda Cleaning	High Efficiency Wet Scrubber	90%
1-3	Acid Cleaning	High Efficiency Wet Scrubber	98%

**Table 34-B6: Emission Units Subject to  
Emission Control Requirements**

EU #	Description	Control Device	Minimum Control Efficiency
1-4	Copper Plating	High Efficiency Wet Scrubber	90%
1-5	Tin Plating	High Efficiency Wet Scrubber	90%
1-6	Silver Plating	High Efficiency Wet Scrubber	90%
1-7	Gold Plating	High Efficiency Wet Scrubber	90%
1-8	Palladium Plating	High Efficiency Wet Scrubber	90%
1-9	Indium Plating	High Efficiency Wet Scrubber	90%

- (7) At least once during each calendar quarter, or more often if recommended or required by the equipment manufacturer, the owner/operator shall perform the following for each emission control device(s) associated with the emission unit(s) in Table 34-B6:
- (a) Inspect spray nozzles for clogging and clear clogs as needed;
  - (b) Inspect packing for build-up and remove/reduce build-up as needed;
  - (c) Inspect mist eliminator for build-up and remove/reduce build-up as needed;
  - (d) Inspect wheel for build-up and remove/reduce build-up as needed;
  - (e) Verify belt tension and adjust tension as needed;
  - (f) Inspect sheaves and repair/replace as needed;
  - (g) Check tightness of all bolts and adjust tightness as needed; and
  - (h) Lubricate bearings.
- (8) The owner/operator shall comply with all applicable emission limits and/or emission control requirements established pursuant to the Federal Regulations incorporated by reference under the paragraph (G) of this condition.
- (C) Emission Calculation and Testing Requirements.
- (1) Calculation of annual regulated criteria pollutant and hazardous air pollutant emissions shall be performed in accordance with the emission factor information and calculation procedures presented in the owner/operator’s Title V permit application. During the term of this permit, emission factors, procedures, and/or methods may be revised if new information becomes available that warrants revision. The owner/operator must receive approval from the Department to revise emission factors, emission estimating procedures, and/or methods prior to their use and/or implementation by the owner/operator.
  - (2) The owner/operator shall demonstrate compliance with the particulate matter emission limits indicated in paragraphs (B)(4)(a) and (B)(5) of this condition by use of technically valid engineering calculations. Calculations shall be performed using emission factors from sources approved by the Department including, but not limited to, the emissions factors for fuel combustion equipment presented in the 5<sup>th</sup> edition of AP-42, the US EPA’s *WebFIRE* database, performance or stack test data, or other sources of emission factor data approved by the Department.
  - (3) The owner/operator shall comply with all applicable emission calculation and/or emission testing requirements established pursuant to the Federal Regulations incorporated by reference under the paragraph (G) of this condition.

(D) Monitoring and Record Keeping Requirements.

- (1) In accordance with the requirements set forth in Construction Permit No. 234, within fifteen (15) days of the end of each month, the owner/operator shall calculate and record the following:
  - (a) The quantity (measured in gallons) of stamping lubricant used in/for EU 2-1 (Stamping Operation) during the previous month; and
  - (b) The quantity (measured in pounds) of environmental barrier used in/for EU 6-1 (Environmental Barrier Application).
- (2) In accordance with the requirements set forth in Construction Permit No. 234, the owner/operator shall demonstrate compliance with the emission limits set forth in paragraphs (B)(1)-(3) of this condition by calculating VOC emissions for the following within fifteen (15) days of the end of each month. In addition, the owner/operator shall calculate facility-wide HAP emissions as required below to verify the facility's ongoing status in regard to HAP source classification ('major' or 'area').
  - (a) Monthly Emission Totals: calculate each of the following for the previous month:
    - (i) Emissions of VOCs from:
      1. EU 2-1 (Stamping Operations); and
      2. EU 6-1 (Environmental Barrier Application).
    - (ii) For facility-wide emissions (all combined emission units constituting the Permitted Source):
      1. Emissions of all individual HAPs; and
      2. Emissions of total combined HAPs.
  - (b) Rolling 12-Month Emission Totals: calculate each of the following by adding emissions from the previous month to the total emissions from the preceding eleven (11) months to obtain respective emission totals for the previous twelve (12) months:
    - (i) Emissions of VOCs from:
      1. EU 2-1 (Stamping Operations); and
      2. EU 6-1 (Environmental Barrier Application).
    - (ii) For facility-wide emissions (all combined emission units constituting the Permitted Source):
      1. Emissions of all individual HAPs; and
      2. Emissions of total combined HAPs.
- (3) The owner/operator shall maintain records of all calculations performed pursuant to paragraphs (D)(1)-(2) of this condition in accordance with Condition XIV(D) of this permit.
- (4) In order to demonstrate ongoing compliance with the requirement set forth in paragraph (B)(4)(b) of this condition, the owner/operator shall conduct visible emission surveys (VES) of the stack associated with EU 5-1 (Pyrolysis Oven) at least once during each calendar quarter. These visible emissions surveys shall be conducted after startup of the oven is complete, and the primary combustion chamber has commenced operation. The procedure for conducting these surveys is established in Attachment D of this permit.
- (5) The owner/operator shall maintain records of the PM emission rate associated with EU 5-1 (Pyrolysis Oven) that are sufficient to demonstrate compliance with the emission limit set forth in paragraph (B)(5) of this condition.

- (6) The owner/operator shall maintain records of all maintenance and repair activities conducted on the control device(s) required under paragraph (B)(6) of this condition. These records shall include documentation sufficient to verify that all steps required under paragraph (B)(7) of this condition are completed as required. These records shall also include:
    - (a) The date, time, and duration of any control device failures, malfunctions, or other operational variations; and
    - (b) A description of the problem;
    - (c) A description of the corrective/remedial actions taken; and
    - (d) The date and time at which the control device was returned to normal operation.
  - (7) The owner/operator shall maintain records of emission calculations performed pursuant to paragraph (C)(2) of this condition.
  - (8) The owner/operator shall maintain copies of the 'Safety Data Sheets' (SDSs) for each material used in association with the permitted emission units, or other similar records that provide adequate information to verify each material's VOC and/or HAP content.
  - (9) The owner/operator shall keep all records as required by Construction Permit No. 234 (Attachment C). If and where possible, the owner/operator may utilize the records required by this operating permit to demonstrate compliance with the record keeping requirements of that construction permit.
  - (10) The owner/operator shall comply with all applicable monitoring and record keeping requirements (if any) established pursuant to the Federal Regulations incorporated by reference under paragraph (G) of this condition.
  - (11) The owner/operator shall keep all records necessary to verify the operation and efficiency of all federally enforceable controls, such as limits to production or the installation and operation of emission control equipment. All records must be retained on-site in accordance with the requirements set forth under Conditions XIV(C)-(D) of this permit.
- (E) Notification and Reporting Requirements.
- (1) In accordance with the requirements set forth under Condition XII of this permit, as well as the Construction Permits incorporated pursuant to Condition XXXIII of this permit, the owner/operator must report emissions of all criteria air pollutants and hazardous air pollutants for all emission units included in this operating permit. This report shall be submitted on an annual basis no later than March 31 each year and shall contain, at a minimum, the following information for the preceding calendar year:
    - (a) Actual hours of operation of EU 5-1 (Pyrolysis Oven); and
    - (b) Actual pollutant emissions for each emission unit covered by this operating permit (see page 3 of this operating permit for subject emission units).
  - (2) For changes involving chemicals or materials used in association with the permitted emission units, and only if these changes increase the permitted source's maximum potential to emit on an annual basis of VOC's in excess of ten (10.00) tons per year (tpy), single HAP emissions in excess of one (1.00) tpy, and/or total HAP emissions in excess of two-and-one half (2.50) tpy, the owner/operator shall provide the following to the Department no later than sixty (60) days after the date on which the change occurred:
    - (a) Notification that a material has been added, replaced, discontinued, or reformulated in such a manner as to increase VOC or HAP emissions in excess of the amounts listed in paragraph (E)(2) above;

- (b) The name of the chemical(s) or material(s) for which the notification is being submitted;
  - (c) Safety Data Sheets (SDSs) for any new or reformulated chemical(s) or material(s); and
  - (d) The date of the chemical or material change.
- (3) In accordance with the requirements of 40 CFR Part 63, Subpart WWWWWW §63.11509 paragraph (c) and the requirements cited in paragraph (G) of this condition, the owner/operator must prepare compliance certifications on an annual basis. The annual compliance certification does not need to be submitted unless a deviation occurs. If a deviation does occur, then the owner/operator shall submit the annual compliance certification along with the deviation report as required by §63.11509 paragraph (d).
- (4) Upon request, the owner/operator must submit any and all emission totals, material use totals, fuel use totals, or material composition data as deemed necessary by the Director.
- (5) The owner/operator shall keep submit all notifications and reports as required by Construction Permit No. 234 (Attachment C). If and where possible, the owner/operator may utilize the records required by this operating permit to demonstrate compliance with the record keeping requirements of those construction permits. The owner/operator is not required to resubmit any notifications or reports for which the requirement to submit has already been fulfilled.
- (6) The owner/operator shall comply with all applicable notification and reporting requirements (if any) established pursuant to the Federal Regulations incorporated by reference under paragraph (G) of this condition.
- (F) Other Requirements.
- (1) Any control or monitoring equipment that may be necessary for compliance with the LLCAPCPRS or any similar requirements of the federal EPA must be installed within the time period or by the date specified in the applicable rule or regulation.
  - (2) The owner/operator must not make any modifications to any emission units that could affect the nature or the quantity of air pollutants emitted without written approval from the Department.
- (G) Requirements of the National Emissions Standards for Hazardous Air Pollutants for Source Categories (Source Category NESHAPs) set forth in Title 40, Part 63 of the Code of Federal Regulations (40 CFR Part 63).
- (1) The owner/operator must comply with all applicable provisions for 40 CFR Part 63, Subpart WWWWWW (Source Category NESHAP – Area Source Standards for Plating and Polishing Operations) as they apply according to the applicability criteria set forth in Subpart WWWWWW. The provisions of Subpart WWWWWW cited by section number, section description, and paragraph in Table 34-G1 below are requirements of this permit. The owner/operator is responsible with identifying and complying with applicable requirements as they apply to this source.

**Table 34-G1: Requirements of 40 CFR 63, Subpart WWWWWW  
Applicable to the Permitted Source**

Section (§)	Section Description	Applicable Paragraph(s)
§63.11504	Applicability	(a)
§63.11505	Affected Sources	(a)-(b); (d)-(e)
§63.11506	Compliance Dates	(a)
§63.11507	Standards and Management Practices	(a); (g)

**Table 34-G1: Requirements of 40 CFR 63, Subpart WWWWWW  
Applicable to the Permitted Source**

Section (§)	Section Description	Applicable Paragraph(s)
§63.11508	Compliance Requirements	(a)-(d)
§63.11509	Notification, Reporting, and Recordkeeping Requirements	(a)-(f)
§63.11510	Applicable General Conditions	Entire Section; also see Table 1 of Subpart WWWWWW
§63.11511	Definitions	Entire Section
§63.11512	Implementation and Enforcement Authority	(a)-(c)
§63.11513	[Reserved]	N/A
NOTES: (1) Unless otherwise specified, all sub-paragraphs of the applicable paragraphs set forth above are incorporated as applicable requirements. (2) If compliance with the notification requirements incorporated above has already been demonstrated, the owner/operator is not required to submit additional notifications.		

- (2) The owner/operator must comply with all applicable requirements of 40 CFR Part 63, Subpart A (General Provisions), as they relate to affected operations pursuant to 40 CFR Part 63, Subpart WWWWWW. Provisions of Subpart A that are applicable pursuant to Subpart WWWWWW can be found in Table 1 of Subpart WWWWWW.

**END OF PERMIT CONDITIONS**

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## Attachment A

### Permit Shield

Regulations for which a Permit Shield is provided are as follows:

Regulation Citation	Emission Unit (EU)/ Equipment	Reason for Non-Applicability
40 CFR 60 – Subparts D, Da, Db, & Dc	All Facility Boilers (insignificant activities)	<ul style="list-style-type: none"> <li>Heat input ratings are lower than the applicability thresholds in Subparts D, Db, and Dc.</li> <li>The units are not ‘electric utility steam-generating units’ as defined in Subpart Da.</li> </ul>
40 CFR 60 – Subparts Ka & Kb	Volatile Organic Liquid (including Petroleum) Storage Vessels (insignificant activities)	<ul style="list-style-type: none"> <li>Subpart Ka applies to storage vessels constructed between 5/18/1978 and 7/23/1984. The storage vessels at this facility were constructed after that period.</li> <li>Subpart Kb applies to storage vessels constructed after 7/23/1984 with a storage capacity of greater than 75 cubic meters (m<sup>3</sup>). All storage vessels at this facility are less than 75 m<sup>3</sup>.</li> </ul>
40 CFR 60 – Subparts Ka & Kb	B-19 Storage Tank (associated with EU 2-1: Stamping Operation)	<ul style="list-style-type: none"> <li>Subpart Ka applies to storage vessels constructed between 5/18/1978 and 7/23/1984. The storage vessels at this facility were constructed after that period.</li> <li>Subpart Kb applies to storage vessels constructed after 7/23/1984 with a storage capacity of greater than 75 cubic meters (m<sup>3</sup>). All storage vessels at this facility are less than 75 m<sup>3</sup>.</li> </ul>
40 CFR 60 – Subpart CCCC	EU 5-1: Pyrolysis Oven	<ul style="list-style-type: none"> <li>According to the definition provided in §60.2265 of Subpart CCCC, the pyrolysis oven is a ‘burn-off oven’ as is used to remove materials from metallic parts used at the facility. According to those definitions, “A burn-off oven is not an incinerator, waste-burning kiln, an energy recovery unit or a small, remote incinerator under this subpart.”</li> </ul>
40 CFR 63 – Subpart Q	All Facility Cooling Towers (insignificant activities)	<ul style="list-style-type: none"> <li>Facility cooling towers do not use chromium-based water treatment chemicals.</li> </ul>
40 CFR 63 – Subpart M MMM	Surface Coating of Miscellaneous Metal Parts and Products	<ul style="list-style-type: none"> <li>This facility is not a major source of Hazardous Air Pollutants.</li> <li>Subpart MMM applies to Surface Coating of Miscellaneous Metal Parts and Products. The thin layer of environmental barrier grease is considered a “protective oil” and is excluded from the definition of “coating” within the Subpart.</li> </ul>
40 CFR 63 – Subpart D D D D D	All Facility Boilers (insignificant activities)	<ul style="list-style-type: none"> <li>This facility is not a major source of Hazardous Air Pollutants.</li> </ul>
40 CFR 63 – Subpart J J J J J	All Facility Boilers (insignificant activities)	<ul style="list-style-type: none"> <li>The boilers at this facility only burn natural gas and meet the definition of ‘gas fired boilers’ in §63.11237 of Subpart J J J J J. Pursuant to §63.11195(e) of Subpart J J J J J, ‘gas fired boilers’ are exempt from the requirements of Subpart J J J J J.</li> </ul>
40 CFR 63 – Subpart X X X X X	Metal Fabrication Activities (facility-wide)	<ul style="list-style-type: none"> <li>Subpart X X X X X applies to sources that are ‘primarily engaged’ in one of the nine listed source operations under §63.11514(a) of Subpart X X X X X. The primary function of this source is electronic component manufacturing, which is not one of the listed operations.</li> </ul>

Regulation Citation	Emission Unit (EU)/ Equipment	Reason for Non-Applicability
40 CFR 64	Facility-Wide	<ul style="list-style-type: none"> <li>Compliance Assurance Monitoring (CAM) rule applicability criteria are established in 40 CFR 64 §64.2. CAM does not apply to emission limitations established pursuant to Section 112 of the Clean Air Act (i.e., Source Category NESHAPs in 40 CFR 63) are exempt from CAM requirements. None of the emission units or emission limits at this source meet the applicability criteria set forth in 40 CFR 64 §64.2.</li> </ul>
46 CFR 68	Facility-Wide	<ul style="list-style-type: none"> <li>This rule is not applicable because the owner/operator does not store more than the threshold quantities of any of the regulated substances.</li> </ul>
LLCAPPRS Article 2, Section 24	EU 5-1	<ul style="list-style-type: none"> <li>This regulation applies only to existing fossil fuel burning equipment. This emission unit was installed after February 26, 1974.</li> </ul>



**Attachment B**  
**Emission Calculation Procedures & Formulas**

1. Emissions of fugitive VOCs and/or organic HAPs associated with EU 2-1, EU 3-1, EU 4-1, EU 6-1, and EU 7-1 shall be calculated as follows:

a. VOC and/or organic HAP emissions from material use shall be calculated by combining the total use of each material associated with each product's respective VOC and/or HAP content, demonstrated in Equations 1 through 3 below, using the equation that is most appropriate. Each product's VOC and/or HAP content shall be derived from the product's 'Safety Data Sheet', or similar documentation provided by the product's manufacturer.

$$\text{Equation 1} \quad \text{Gallons Used} \times \frac{\text{Pounds of VOC or HAP}}{\text{Gallon of Product}} = \text{Pollutant Emissions (lbs)}$$

$$\text{Equation 2} \quad \text{Gallons Used} \times \frac{\text{Pounds of Product}}{\text{Gallon of Product}} \times \frac{\text{Weight \% VOC or HAP}}{\text{or HAP}} = \text{Pollutant Emissions (lbs)}$$

$$\text{Equation 3} \quad \text{Pounds Used} \times \text{Weight \% VOC or HAP} = \text{Pollutant Emissions (lbs)}$$

b. Reclaimed quantities of VOCs and/or organic HAPs may be quantified and subtracted from the respective quantities emitted, as calculated in item 1.a. above. The quantities of VOC and/or organic HAPs reclaimed shall be calculated consistent with Equations 1 through 3 above, using the equation that is most appropriate.

2. Emissions associated with EU 5-1 (Pyrolysis Oven) shall be calculated using the following emission rates:

- a. PM<sub>10</sub>: 0.0133 pounds per hour of operation
- b. NO<sub>x</sub>: 0.0271 pounds per hour of operation
- c. SO<sub>2</sub>: 0.0018 pounds per hour of operation
- d. VOC: 0.0174 pounds per hour of operation
- e. CO: 0.0500 pounds per hour of operation

3. Emissions for the following emission units shall be calculated using the appropriate emission factor for that emission unit according to: (1) AP-42; (2) EPA's 'WebFIRE' emission factor database; or (3) engineering calculations:

- a. EU 1-1: Nickel Plating (Fugitive HAP / PM<sub>10</sub> / PM<sub>2.5</sub>)
- b. EU 1-2: Caustic Soda Cleaning (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- c. EU 1-3: Acid Cleaning (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- d. EU 1-4: Copper Plating (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- e. EU 1-5: Tin Plating (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- f. EU 1-6: Silver Plating (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- g. EU 1-7: Gold Plating (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- h. EU 1-8: Palladium Plating (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)
- i. EU 1-9: Indium Plating (Fugitive PM<sub>10</sub> / PM<sub>2.5</sub>)

**Attachment C**  
**Requirements of Minor NSR Construction Permit No. 234**

The conditions set forth under Construction Permit No. 234, effective [DATE TBD], apply to the following emission unit(s):

Emission Unit (EU)	SCC Code	Emission Point Description	Emission Segment Description
2-1	3-09-888-01	Stamping Operation	Fugitive VOC & HAP
6-1	3-99-999-94	Environmental Barrier Application	Fugitive VOC & HAP

For the purpose of establishing facility-wide limits on potential emissions of Hazardous Air Pollutants, the conditions set forth under Construction Permit No. 234 apply to the 'Permitted Source', which included the following emission unit(s) at the time of permit issuance:

Emission Unit (EU)	SCC Code	Emission Point Description	Emission Segment Description
1-1	3-09-010-68	Nickel Plating	Fugitive HAP
1-2	3-09-010-97	Caustic Soda Cleaning	Fugitive PM <sub>10</sub>
1-3	3-09-010-97	Acid Cleaning	Fugitive PM <sub>10</sub>
1-4	3-09-010-45	Copper Plating	Fugitive PM <sub>10</sub>
1-5	3-09-010-97	Tin Plating	Fugitive PM <sub>10</sub>
1-6	3-09-010-97	Silver Plating	Fugitive PM <sub>10</sub>
1-7	3-09-010-97	Gold Plating	Fugitive PM <sub>10</sub>
1-8	3-09-010-97	Palladium Plating	Fugitive PM <sub>10</sub>
1-9	3-09-010-97	Indium Plating	Fugitive PM <sub>10</sub>
2-1	3-09-888-01	Stamping Operation	Fugitive VOC & HAP
3-1	3-08-010-07	Molding Operation	Fugitive VOC
4-1	A241-50-000-00	Parts Washers	Fugitive VOC
5-1	---	Pyrolysis Oven Vent	Natural Gas Combustion
6-1	3-99-999-94	Environmental Barrier Application	Fugitive VOC & HAP
7-1	3-99-999-94	Production Lubricant	Fugitive VOC

**Note:** The 'General Conditions' (I-XXV) of this construction permit have not been incorporated into this table, as those conditions are either reflected in this operating permit or are not relevant to this permitting action. Those conditions do, however, remain applicable and enforceable requirements.

Condition Citation	Requirement
XXV.	This permit authorizes the owner/operator to construct/reconstruct/modify and operate the 'Permitted Emission Units' (as identified in Construction Permit No. 234) in accordance with the following provisions:

Condition Citation	Requirement
XXV. (A)	<p><u>Operating Requirements, Throughput Limits, and/or Work Practice Standards.</u></p> <p>(1) The owner/operator shall operate the 'Permitted Emission Units' in accordance with the manufacturer's specifications. At all times, including periods of startup, shutdown, and malfunction, the owner/operator shall, to the extent practicable, maintain and operate the 'Permitted Emission Units' in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Department which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.</p> <p>(2) The owner/operator is subject to all elections specified in the approved application, and any emissions controls used shall be at a minimum those elected in Section 6 of the approved application. The owner/operator may contact the Department to request or submit modifications to the approved application.</p>
XXV. (B)	<p><u>Emission Limits and Emission Control Requirements.</u></p> <p>(1) The owner/operator shall limit emissions of combined volatile organic compounds (VOCs) from 'Permitted Emission Unit' EU 2-1 to no more than 185,366 pounds (92.683 tons) during any period of twelve (12) consecutive months.</p> <p>(2) The owner/operator shall limit emissions of combined volatile organic compounds (VOCs) from 'Permitted Emission Unit' EU 6-1 to no more than 170,000 pounds (85.0 tons) during any period of twelve (12) consecutive months.</p> <p>(3) The owner/operator shall limit emissions of the single greatest hazardous air pollutant to no more than 9.5 tons during any consecutive twelve (12) month period and combined hazardous air pollutants from the 'Permitted Source' to no more than 24.5 tons during any period of twelve (12) consecutive months.</p>
XXV. (C)	<p><u>Monitoring and Record Keeping Requirements.</u></p> <p>(1) Within fifteen (15) days of the end of each month, the owner/operator shall calculate and record the following:</p> <ul style="list-style-type: none"> <li>(a) The quantity (measured in gallons) of stamping lubricant used in/for EU 2 1 (Stamping Operation) during the previous month;</li> <li>(b) The emissions of VOCs from the EU 2-1 (Stamping Operations) for the previous month; and</li> <li>(c) The rolling twelve (12) month total of VOC emissions from EU 2-1 by summing each calculated VOC emission total for the month with the respective VOC emission totals for the preceding eleven (11) months.</li> </ul> <p>(2) Within fifteen (15) days of the end of each month, the owner/operator shall calculate and record the following:</p> <ul style="list-style-type: none"> <li>(a) The quantity (measured in pounds) of environmental barrier used in/for EU 6 1 (Environmental Barrier Application);</li> <li>(b) The combined emissions of VOCs from EU 6-1 (Environmental Barrier Application) for the previous month; and</li> <li>(c) The rolling twelve (12) month combined total of VOC emissions from EU 6-1 by summing each calculated VOC emission total for the month with the respective VOC emission totals for the preceding eleven (11) months.</li> </ul> <p>(3) Within fifteen (15) days of the end of each month, the owner/operator shall calculate and record the following:</p> <ul style="list-style-type: none"> <li>(a) The emissions of HAPs (measured in pounds) from the Permitted Source for the previous month; and</li> </ul>

Condition Citation	Requirement
	<p>(b) The rolling twelve (12) month total of HAP emissions (measured in pounds) from the Permitted Source by summing each calculated VOC and HAP emission total for the month with the respective VOC and HAP emission totals for the preceding eleven (11) months.</p> <p>(4) The owner/operator shall maintain records sufficient to demonstrate the chemical composition, physical properties, HAP content (if any), and VOC content of material(s) used in the 'Permitted Emission Units' (i.e. Safety Data Sheets, Technical Data Sheets, or other suitable record).</p>
XXV. (D)	<p><u>Notification and Reporting Requirements.</u></p> <p>(1) In accordance with the requirements set forth under Condition XI of this permit, the owner/operator shall report all emissions associated with the 'Permitted Emission Units' on an annual basis. This report shall be submitted no later than March 31st of each year.</p> <p>(2) The owner/operator shall report the occurrence of any exceedance of the limit set forth in paragraph (B)(1) through (B)(3) of this condition. These reports shall be submitted to the Department, in writing, no more than ten (10) days after the date of discovery of the exceedance.</p>
XXV. (E)	<p><u>Other Requirements.</u></p> <p>(1) Any modification of the construction permit application documents must have prior approval from the Department. The source shall provide all necessary information to validate the modification, including, but not limited to, additional engineering, modeling, and ambient air quality studies.</p> <p>(2) The conditions set forth in this permit shall remain applicable requirements until such time that all permitted emission units are removed from the source, or until the owner/operator requests that the permit be nullified, and all permitted emission units are rendered inoperable.</p> <p>(3) The owner/operator shall not make any modifications to any of the 'Permitted Emission Units' and/or associated equipment that may increase emissions or change dispersion characteristics without receiving written approval from the Department.</p> <p>(4) Any control or monitoring equipment that may be necessary for compliance with the LLCAPCPRS or any similar requirements of the Federal EPA shall be installed within the time period or by the date specified in the applicable rule or regulation.</p>

## Attachment D

### Visible Emissions Monitoring Procedure

#### Visible Emissions Monitoring Requirements:

- (A) Once during each calendar quarter, the owner/operator shall perform a 30-second visible emissions survey (VES) of all emission release points as identified in Condition XXXIV(D)(4) of the permit.
- (B) The person(s) conducting the VES (i.e. the observer) must be familiar with EPA Test Method 22 in Appendix A-7 to 40 CFR Part 60, which means:
- (1) The individual has read and understands the procedures used to conduct EPA Test Method 22 observations as specified in Section 2.3 of Method 22;
  - (2) The individual possesses, or can obtain, any equipment necessary to conduct Method 22 observations; and
  - (3) The individual understands the Method 22 documentation protocols, as well as the applicable record keeping requirements of this permit.
- (C) If visible emissions are detected for less than 5% (less than 2 total seconds), the person(s) conducting the visible emissions survey shall record the observation and no further action shall be taken.
- (D) If visible emissions from any emission unit or release point are detected for 5% or more (2 seconds or more) of the survey time, the person(s) conducting the survey shall either:
- (1) Complete the necessary initial corrective action to eliminate the visible emissions no later than one (1) hour after excess visible emissions are detected, and proceed with the actions specified under paragraph (E) of this condition; OR
  - (2) An observer who has fulfilled the certification requirements set forth under EPA Test Method 9 in Appendix A-4 of 40 CFR Part 60 (i.e. a qualified observer), must perform a EPA Test Method 9 visible emission observation (VEO) at least six (6) minutes in duration. This VEO must be performed no later than two (2) hours after excess visible emissions are first detected. If the owner/operator elects to perform an EPA Test Method 9 VEO, the owner/operator shall proceed with the actions specified under paragraph (F) of this condition.
- (E) If corrective action(s) is performed, the observer shall record the corrective action taken and perform a 6-minute follow-up visible emissions survey using EPA Test Method 22 to ensure that the corrective action addressed the excess visible emissions. The follow-up survey must be initiated no more than one (1) hour after completion of the initial visible emission survey. Once the follow-up visible emissions survey is complete, the person(s) conducting the survey shall proceed as follows:
- (1) If visible emissions are detected for less than five percent (5%) of the survey time (e.g. less than 18 total seconds during a 6-minute survey), the observer shall record the observation and no further action is required; OR
  - (2) If visible emissions are detected for five percent (5%) or more of the survey time (e.g. 18 total seconds or more during a 6-minute survey), a qualified observer must perform a six (6) minute EPA Test Method 9 observation and proceed as specified in paragraph (F) of this condition.
- (F) Upon completion of an EPA Test Method 9 VEO, the following action(s) shall be taken:
- (1) If the result of the Method 9 VEO is less than twenty percent (< 20%) opacity, the qualified observer shall record the observation pursuant to paragraph (D)(2) of this condition and no further action shall be required.
  - (2) If the result of the Method 9 VEO is equal to or greater than twenty percent ( $\geq 20\%$ ) opacity, the owner/operator shall:
    - (a) Submit a report of excess emissions to the LLCHD within forty-eight (48) hours in accordance with the requirements of Article 2, Section 35 of the LLCAPCPRS; AND

- (b) No later than one (1) hour after the initial Method 9 VEO detected opacity equal to or greater than twenty percent ( $\geq 20\%$ ), perform the necessary corrective action to reduce opacity to less than twenty percent ( $< 20\%$ ). No later than one (1) hour after completing corrective action(s), a qualified observer shall perform a follow-up Method 9 VEO at least six (6) minutes in duration. The owner/operator shall perform the following based on the results of the follow-up Method 9 VEO:
- (i) If the result of the follow-up Method 9 VEO is less than twenty percent ( $< 20\%$ ) opacity, the qualified observer shall record the corrective action(s) taken and the results of the follow-up Method 9 observation pursuant to paragraph (D)(2) of this condition. No further action shall be required; OR
  - (ii) If the result of the follow-up Method 9 VEO is equal to or greater than twenty percent ( $\geq 20\%$ ), the owner/operator shall immediately cease operation of the emission unit and not resume until corrective action(s) is taken to reduce opacity to less than twenty percent ( $< 20\%$ ). The owner/operator shall record corrective action(s) taken during shutdown. A qualified observer shall perform a Method 9 VEO at least six (6) minutes in duration within thirty (30) minutes of completion of the next startup. The owner/operator shall repeat the actions specified in paragraph (F) of this condition until occurrences of excess opacity have been eliminated.
- (G) If an observer or a qualified observer is unable to perform a VES or a Method 9 observation due to visual interferences caused by other visible emission sources (e.g. fugitive emissions during high wind conditions), extreme weather conditions (e.g. fog, heavy rain, or snow which impair visibility), or operations that occur after dark, the observer shall note such conditions on the data observation sheet, and conduct a VES or Method 9 observation as soon as conditions allow.
- (H) Visible emission monitoring is not required during startups, shutdowns, malfunctions, or during load/performance testing.

**Record Keeping Requirements:**

- (I) The owner/operator must maintain records of all required visible emission surveys (VES) and visible emission observations (VEO) performed pursuant to paragraphs (A)-(H) of this attachment and other Specific Conditions of this permit in order to demonstrate ongoing compliance with the visible emission opacity requirements in Conditions XXXIV(D)(4) of this permit. These records must include the following:
- (1) The name of the person(s) conducting the VES or VEO;
  - (2) The date and the starting time of the VES or VEO;
  - (3) The emission unit(s) for which the VES or VEO was performed;
  - (4) Visible emissions observed, as follows:
    - (a) For each Method 22 VES, record the duration the survey time and the cumulative duration of visible emissions observed during the VES; and
    - (b) For each Method 9 VEO, record the highest average opacity of visible emissions recorded during a period of six (6) consecutive minutes, calculated pursuant to EPA Test Method 9 procedures, as well as any information required in Sections 2.2, 2.4, and 2.5 of EPA Test Method 9.
  - (5) Any corrective action(s) taken (if applicable);
  - (6) The results of any follow-up VES or VEO (if applicable); and

Record all instances in which a VES or VEO is not performed either due to lack of operation of the respective emission unit(s) during the monitoring period, or due to visual interferences as provided for in paragraph (G) of this attachment.