Missouri Department of Natural Resources
Air Pollution Control Program

PART 70
PERMIT TO OPERATE

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to operate the air contaminant source(s) described below, in accordance with the laws, rules, and conditions set forth here in.

Operating Permit Number: OP2009-008
Expiration Date: 03 - 03 - 2014
Installation ID: 189-0231
Project Number: 1998-07-068

Installation Name and Address
Chrysler Corporation
North Assembly Plant
1050 Dodge Drive
Fenton, MO 63026
Saint Louis County

Parent Company's Name and Address
Chrysler LLC
800 Chrysler Drive
Auburn Hills, MI 48326

Installation Description:
Chrysler's Saint Louis Complex manufactures trucks at the Saint Louis North Assembly Plant (SLNAP) and minivans at the Saint Louis South Assembly (SLSAP). Both plants are served by complex-wide ancillary activities and utilities, including a boiler house. The boilers are permitted under the SLNAP. SLNAP receives raw metal parts and assembles them into vehicles in the body shop. The bodies are then cleaned, primed, and painted. Sanding, spot repair, and sealing is performed as needed as the trucks move through the painting process. The trucks are then sent to final assembly where engines, transmissions and other parts received by the plant are installed. Final assembly includes initial fueling of the vehicles and the application of additional sealers and adhesives. Deadeners are not used at this plant. SLNAP is a major source of air pollutants and is subject to federal, state and local regulations. Many of the operations within this installation are subject to special conditions created within permits issued by Saint Louis County. They include plant wide VOC emission limits on an annual, daily and per vehicle produced basis.

MAR - 3 2009
Effective Date

James C. Kavanaugh
Director or Designee
Missouri Department of Natural Resources

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I. Installation Description and Equipment Listing

INSTALLATION DESCRIPTION

Chrysler's Saint Louis Complex manufactures trucks at the Saint Louis North Assembly Plant (SLNAP) and minivans at the Saint Louis South Assembly (SLSAP). Both plants are served by complex-wide ancillary activities and utilities, including a boiler house. The boilers are permitted under the SLNAP. SLSAP receives raw metal parts and assembles them into vehicles in the body shop. The bodies are then cleaned, primed, and painted. Sanding, spot repair, and sealing is performed as needed as the vans move through the painting process. The vans are then sent to final assembly where engines, transmissions and other parts received by the plant are installed. Final assembly includes initial fueling of the vehicles and the application of additional sealers, deadeners and adhesives. SLSAP is a major source of air pollutants and is subject to federal, state and local regulations. Many of the operations within this installation are subject to special conditions created within permits issued by Saint Louis County. They include plant wide VOC emission limits on an annual, daily and per vehicle produced basis.

EMISSION DATA

Reported Air Pollutant Emissions (tons per year)							
Year	Particulate Matter ≤ Ten Microns (PM-10)	Sulfur Oxides (SO_x)	Nitrogen Oxides (NO_x)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Lead (Pb)	Hazardous Air Pollutants* (HAPs)
2002	7.09	0.58	104.79	750.01	41.20	0	90.48
2003	10.27	0.76	100.61	880.13	57.31	0	227.80
2004	13.69	0.66	85.94	854.41	52.21	0	383.62
2005	11.25	0.67	87.87	779.87	93.97	0	245.20
2006	15.27	0.58	76.31	786.18	81.02	0	261.21

*Organic HAPs emitted are reported as VOCs and HAPs

EMISSION UNITS WITH LIMITATIONS

The following list provides a description of the equipment at this installation which emit air pollutants and which are identified as having unit-specific emission limitations.

North Assembly Plant and Boiler House

Emission Unit	Description of Emission Unit
EU-N010 & EU-N020	E-Coat System (Tank and Oven)
EU-N030	Solvent Wipe
EU-N040	Anti-Chip Coating Operation (Booth and Oven)
EU-N060 & EU-N070	Topcoat Operations: Tu-Tone (Booth and Oven)
EU-N080 & EU-N090	Topcoat Operations: Main Color #1 (Booth and Oven)
EU-N140	Body/Paint and Trim/Final Sealers & Adhesives
EU-N150	Vehicle Fill Stations and Underground Tanks
EU-N160	Spot Repair Booths ((2) Paint and Assembly)
EU-N170	Miscellaneous Production Materials
EU-N180	Solvent Parts Washers (3)
EU-N200	External Combustion Boilers #1 - #3
EU-N220	Purge Solvent and Booth Cleaners
EU-N230	External Combustion Boiler #4
EU-N250, EU-N260 & EU-N270	Topcoat Operations: Main Color #2 (Booths and Ovens)
EU-N280	Regenerative Thermal Oxidizers (2)
EU-N310	Sanding Booths

EMISSION UNITS WITHOUT LIMITATIONS

The following list provides a description of the equipment that does not have unit specific limitations at the time of permit issuance.

Emission Unit	Description of Emission Unit
EP-018	Miscellaneous Non-Production Materials
EP-021	Natural Gas Ovens and Heaters
EP-024	Anti-Corrosion (Phosphate)
EP-030	Cooling Towers
INSIG-01	Maintenance Painting/Maintenance Paint Booth
INSIG-02	Welding
INSIG-03	Windshield Fluid Fill Stations

DOCUMENTS INCORPORATED BY REFERENCE

These documents have been incorporated by reference into this permit.

1. Saint Louis County Air Pollution Control Program Construction Permit 1488 (Operating Permit 5525)
2. Saint Louis County Air Pollution Control Program Construction Permit 3672
3. Saint Louis County Air Pollution Control Program Construction Permit 1450 (Operating Permit 5523)
4. Saint Louis County Air Pollution Control Program Construction Permit 6312
5. Saint Louis County Air Pollution Control Program Construction Permit 6377
6. Saint Louis County Air Pollution Control Program Construction Permit 7047
7. Saint Louis County 1993 LAER Agreement
8. Saint Louis County 1999 LAER Agreement
    - Saint Louis County Air Pollution Control Program Construction Permit 6432
    - Saint Louis County Air Pollution Control Program Construction Permit 6433
    - Saint Louis County Air Pollution Control Program Construction Permit 6434

II. Complex Wide and Plant Wide Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements.

The following Complex-wide emission limitations (denoted CW) apply to the combination of the North Assembly Plant, the South Assembly Plant, and the Boilerhouse. Limitations specific to the North Assembly Plant and the Boilerhouse follow the complex-wide requirements.

COMPLEX WIDE EMISSION LIMITATIONS

Permit Condition CW-001
10 CSR 10-6.060
Construction Permits Required
Saint Louis County Construction Permits 6432, 6433 & 6434 (1999 LAER Agreement)

Emission Limitation:

1. VOC emissions from the SLNAP, SLSAP, and Boilerhouse combined are limited to 1,890 tons per year on a twelve (12) month rolling total.
2. VOC emissions from the SLNAP, SLSAP, and Boilerhouse combined are limited to 25,771 pounds on a daily basis.

Monitoring/Record Keeping:

1. Determine and record the amount of VOC containing materials and, where applicable, the related waste recovery credits, shall be determined and recorded on a monthly basis. Maintain a record of the VOC content of the VOC containing materials.
2. Retain records for the previous 60-month period and made available to the Saint Louis County Air Pollution Control Program (STLCO APCP), or its designated agent, at any reasonable time.

Reporting:

1. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, on a monthly basis, no later than thirty days after the end of the calendar month.
2. Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017 and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

PLANT WIDE EMISSION LIMITATIONS

Permit Condition PW-N01

10 CSR 10-6.220
Restriction of Emission of Visible Air Contaminants

Emission Limitation:

1. The permittee shall not discharge into the ambient air from any single source of emission whatsoever any air contaminant of opacity greater than twenty percent.
2. A source with a twenty percent limit may emit air contaminants with an opacity over twenty percent, but not greater than forty percent for an aggregate length of time not to exceed six (6) minutes in any sixty minutes.
3. Where the presence of uncombined water is the only reason for failure of an emission to meet the requirements, the requirements shall not apply.

Monitoring:

1. Conduct visual emission observations of all subject emission units using the procedures contained in U.S. EPA Test Method 22. Readings are only required when the emission unit is operating and when the weather conditions allow. If no visible or other significant emissions are observed using these procedures, then no further observations are required. For emission units where visible emissions are observed, the source representative shall then conduct a Method 9 observation.
2. The following monitoring schedule must be maintained:
   a) Observations must be made once per month. If a violation is noted, then-
   b) Weekly observations shall be conducted for a minimum of eight (8) consecutive weeks. Should no violation of this regulation be observed during this period then-
   c) Observations must be made once every two weeks for a period of eight (8) weeks. If a violation is noted, monitoring reverts to weekly. Should no violation of this regulation be observed during this period then monthly observations shall be resumed.

Recordkeeping:

1. Maintain records of observation results, noting all subject emission units from which visible emissions (except water vapor) occurred (Attachment A).
2. Maintain records of any equipment malfunctions.
3. Maintain records of any Method 9 test performed in accordance with this permit condition (Attachment B).
4. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

Report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017 and the Missouri Department of Natural Resources Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation, or any malfunction, which could possibly cause an exceedance of this regulation.

Permit Condition PW-N02

10 CSR 10-6.060
Construction Permits Required
1993 LAER Permitting Agreement

Emission Limitation:

VOC emissions are limited to thirteen pounds per vehicle produced, adjusted to account for repainting operations, on a twelve month rolling average.

Monitoring/Record Keeping:

1. Maintain records of the amount of VOC containing materials used monthly and, where applicable, the related waste recovery credits shall be determined and recorded on a monthly basis. Additionally, maintain a record of the VOC content of the VOC containing materials. The average pounds per vehicle VOC emission rate shall be calculated from the monthly records.
2. Records shall be retained for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, upon request.

Reporting:

1. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, on a monthly basis, no later than thirty days after the end of the calendar month.
2. Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

BOILERHOUSE EMISSION LIMITATIONS

Permit Condition PW-B01

10 CSR 10-6.060
Construction Permit Required
Saint Louis County Construction Permits 6432, 6433 & 6434 (1999 LAER Agreement)

Emission Limitation:

Nitrogen oxides (NO_X), from the Boilerhouse, shall not be emitted or discharged to the atmosphere in excess of 195 tons per year on a twelve-month rolling total.

Monitoring/Record Keeping:

1. Monthly reports indicating type and amount of fuel usage shall be maintained.
2. Calculations of total NO_X emissions utilizing the appropriate AP-42 emission factor, or an alternative emission factor approved by the Saint Louis County Air Pollution Control Program shall be performed. The current month's emissions combined with the previous eleven months shall be used to determine the twelve-month rolling total.
3. Records shall be retained for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, on a monthly basis, no later than thirty days after the end of the calendar month.
2. Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017 and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

III. Emission Unit Specific Emission Limitations

The installation shall comply with each of the following emission limitations. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements.

EU - Multiple Emissions Units*
10 CSR 10-6.075 Maximum Achievable Control Technology Regulations 40 CFR 63 Subpart IIII Surface Coating of Automobiles and Light Duty Trucks 40 CFR Part 63 Subpart A General Provisions

* This regulation applies only to all electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, glass bonding adhesive operation, coatings, thinners, adhesives, and deadeners, as listed below:

Emission Unit #	Description of Emission Unit
EU-N010 & EU-N020	E-Coat System
EU-N030	Solvent Wipe
EU-N040	Powder Anti-chip Operations
EU-N060 & EU-N070	Tu-Tone Topcoat Operations (Booth and Oven)
EU-N080 & EU-N090	Main Color #1 Topcoat Operations (Booths and Ovens)
EU-N140	Body/Paint and Trim/Final Sealers & Adhesives
EU-N160	Spot Repair Booths
EU-N170	Miscellaneous Production Materials
EU-N180	Parts Washers
EU-N220	Purge and Cleanup Operations
EU-N250, EU-N260 & EU-N270	Main Color #2 Topcoat Operations (Booths and Ovens)

Emission Limitation:

1. The combined organic HAPs emissions from the electrodeposition primer, primer-surfacer, topcoat, final repair, glass bonding primer, and glass bonding adhesive operation plus all coatings and thinners, except deadener, sealers, and adhesives not part of glass bonding systems, shall not exceed 0.60 pounds of organic HAPs per gallon coating solids deposited, calculated on a monthly averaged basis. [40 CFR §63.3091(a)]
2. At the time of permit issuance, Chrysler demonstrates compliance with the emission limits of 40 CFR §63.3091(a). Chrysler may switch its applicable requirements between emissions limits in §63.3091 (a) or (b) and between the requirements in (b)(i) or (b)(ii), if applicable, at the beginning of any month. The Saint Louis County Air Pollution Control Program shall be notified of this change no later than thirty days after the end of the calendar month the switch occurred. Chrysler must comply with the requirements for the alternate emission limits, which have not been included in this permit, if they choose to switch compliance methods.
3. At the time of permit issuance, Chrysler meets these emission limits without taking credit for add-on controls. The facility may switch between demonstrating compliance with the Auto MACT emission standards with or without credit for the reduction in emissions associated with a particular control device at the beginning of any month. The Saint Louis County Air Pollution Control

Program shall be notified of this change no later than thirty days after the end of the calendar month the switch occurred. Chrysler must comply with the requirements for add-on control devices, which have not been included in this permit, if they choose to take credit for them.

4. The organic HAPs emissions from sealers and adhesives shall not exceed 0.010 pounds of HAPs per pound of sealers and adhesives (other than glass bonding) used, calculated on a monthly averaged basis. [40 CFR §63.3091(c)]
5. The organic HAPs emissions from deadeners shall not exceed 0.010 pounds of HAPs per pound of deadener used, calculated on a monthly averaged basis. [40 CFR §63.3091(d)]
6. The HAPs content by weight of each HAPs-containing material shall be determined using vendor formulation data. [40 CFR §63.3151(a)4]
7. For solvent blends where neither test data nor manufacturer's data is available, the values in Table 3 or Table 4 of the MACT may be used. However, if the results of a Method 311 test indicate higher values than those listed on Table 3 or Table 4 to this subpart, the Method 311 results will take precedence, unless after consultation, the facility demonstrates to the satisfaction of the enforcement authority that the data from Table 3 or Table 4 are correct. [40 CFR §63.3151(a)5]

Work Practices:

1. The facility must develop and implement a work practice plan to minimize organic HAPs emissions from the storage, mixing, and conveying of coatings, thinners, and cleaning materials used in, and waste materials generated by, all coating operations for which emission limits are established under the "Emission Limitation" section above. [40 CFR §63.3094(b)] This plan shall, at a minimum, specify practices for:
   a) Storage of all organic HAPs containing coatings, thinners, cleaning materials, and waste materials in closed containers;
   b) Minimization of risk of spills of HAPs-containing materials;
   c) Conveying of HAPs-containing materials in closed containers or pipes;
   d) Closure of mixing vessels for HAPs-containing materials except during adding to, removing, or mixing the contents;
   e) Minimization of HAPs emissions during cleaning of storage, mixing, and conveying equipment.
2. The facility must develop and implement a work practice plan to minimize organic HAPs emissions from cleaning and purging equipment associated with all coating operations for which emission limits are established under the "Emission Limitation" section above. [40 CFR §63.3094(c)] This plan shall address, at a minimum, each of these operations with one of the listed techniques or an approved alternative:
   a) Vehicle body wipe,
   b) Coating line purging,
   c) Coating systems flushing,
   d) Cleaning of spray booth grates
   e) Cleaning of spray booth walls,
   f) Cleaning of spray booth equipment,
   g) Cleaning of external spray booth areas,
   h) Additional housekeeping measures.

Monitoring/Testing:

The facility must determine the transfer efficiency of each liquid primer surfacer and topcoat coating and all coatings, except deadener and sealers/adhesives which are not components of glass bonding systems, using ASTM Method D5066-91, or the guidelines presented in "Protocol for Determining the

Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations" or revisions thereafter. The transfer efficiency for a powder coating will be determined by mass balance, accounting for wastage or losses of coating. The facility may assume 100 percent transfer efficiency for electrodeposition primer, powder primer, glass bonding primers, and glass bonding adhesives. For final repair coatings, the facility may assume forty percent transfer efficiency for air atomized spray and fifty-five percent transfer efficiency for electrostatic and HVLP spray. [40 CFR §63.3161(g)]

Recordkeeping:

1. The facility must collect and maintain records of data and information specified in §63.3130, including
   - a) A copy of each notification and report submitted to comply with the Auto MACT and any required supporting documentation.
   - b) A record of the work practice plans required by §63.3094(b) and (c) and documentation that you are implementing the plans on a continuous basis. Appropriate documentation may include operational and maintenance records, records of documented inspections, and records of internal audits.
   - c) A current copy of information provided by materials suppliers as needed to determine mass fraction of organic HAPs, the density and the volume fraction of coating solids for each coating, the mass fraction of organic HAPs and the density for each thinner, and the mass fraction of organic HAPs for each cleaning material.
   - d) Monthly records of affected material use and records of calculations that demonstrate compliance with emission limitations.
   - e) A record of the name and volume of each cleaning material used during each month.
   - f) A record of the mass fraction of organic HAPs for each cleaning material used during each month.
   - g) A record of the density for each cleaning material used during each month.
   - h) A record of the date, time, and duration of each deviation, and for each, a record of whether the deviation occurred during a period of Startup, Shutdown or Malfunction.
   - i) Records related to Startup, Shutdown or Malfunction as required by §63.6(e)(iii)-(v).
   - j)-l) Not applicable to Chrysler with current compliance methods.
   - m) Data and calculations to determine transfer efficiency for primer-surfacer and topcoat coatings and for all coatings (except deadener and adhesive and sealer not part of glass bonding operations).
   - n) A record of the work practice plans required by §63.3094(b) and (c) and documentation that they are implemented on a continuous basis. Appropriate documentation may include operational and maintenance records, records of documented inspections, and records of internal audits.
2. Records must be prepared within thirty days of the end of the calendar month for which the records are being kept. [40 CFR §63.3163]
3. Records must be kept in a form suitable and readily available for expeditious review according to §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or databases. [40 CFR §63.3131(a)]
4. Retain records for the previous sixty-month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. Submit semi-annual compliance reports of any required monitoring to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and to the EPA Region 7 Missouri Air Compliance Coordinator, 901 N. 5th Street, Kansas City, KS 66101, every six months, covering the period of January 1 through June 30 and postmarked by July 31 and the period of July 1 through December 31 and postmarked by January 31. The compliance reports should include all instances of deviations from permit requirements in accordance with §63.3120(5) and/or (6); or a statement that there were no deviations from emission limitations, operating limits, or work practices during the reporting period if applicable.
2. Alternatively, these reports may be satisfied by Title V semi-annual monitoring reports required under Section 70.6(a)(3)(iii)(A), if such reports include all required information concerning deviations from any emission limit, operating limit, or work practice in MACT Subpart IIII. If the permittee chooses to combine the reports, the report due dates remain July 31 and January 31, as described above.

EU-N010 & EU-N020, E-Coat System (Tank and Oven)	
General Description*:	Application of E-Coat primer in a dip tank through electrodeposition, cured in a 10 MMBTU high temperature bake oven which is connected to an RTO (EU-N280)
Manufacturer/Model #:	N/A
EIQ Reference # (Year):	EP-001, EP-002 (2006)
STLCO Construction/Operating Permit #	1450/5523, 6650

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N010 & EU-N020-001

10 CSR 10-5.330

Control of Emissions from Industrial Surface Coating Operations

Emission Limitation:

VOCs from the electrocoat process operation shall not be emitted or discharged to the atmosphere in excess of 1.2 pounds VOC per gallon coating (minus water and non-VOC organic compounds) on the basis of a daily volume weighted average of all coatings.

Monitoring:

The following procedures shall be used for determining the daily volume-weighted average ($DAVG_{VW}$) pounds of VOC emitted per gallon of coating (minus water and non-VOC organic compounds):

1. Calculate the $DAVD_{vw}$ of all coatings used as delivered to the coating applicator(s) using the following formula:

$$DAVG_{VW} = \frac{\sum_{i=1}^{n}(A_i + B_i)}{C}$$

Where:
A = daily gal each coating used (minus water and exempt solvents) in a surface coating operation;
B = lbs VOC/gal coating (minus water and exempt solvents);
C = total daily gal coatings used (minus water and exempt solvents) in a surface coating operation; and
n = number of coatings used in a surface coating operation.

2. The composition of the coatings shall be determined by formulation data supplied by the manufacturer or from data determined by an analysis of each coating, as received, by EPA Reference Method 24.
3. The above daily volume-weighted calculation is not necessary if all coatings used are compliant coatings.

Record Keeping:

1. Records detailing specific VOC sources, as necessary to determine compliance, shall be kept. These may include:
   a) The type and the quantity of coatings used daily;
   b) The coating manufacturer's formulation data for each coating;
   c) The type and quantity of solvents for coating, thinning, purging and equipment cleaning used daily;
   d) Test results that determine capture and control efficiencies, transfer efficiencies and coating makeup;
   e) The type and quantity of waste solvents reclaimed or discarded daily;
   f) The quantity of pieces of materials coated daily; and
   g) Any additional information pertinent to determine compliance.
2. Records such as daily production rates may be substituted for actual daily coating use measurement provided the owner submits a demonstration approvable by the Saint Louis County Air Pollution Control Program that such records are adequate for the purpose of this rule.
3. Records shall be retained for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, upon request.

Reporting:

Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

Permit Condition EU-N010 & EU-N020-002

10 CSR 10-6.070
New Source Performance Regulations
40 CFR Part 60 Subpart MM
Standard of Performance for Automobile and Light Duty Truck Surface Coating Operations
40 CFR Part 60 Subpart A
General Provisions
10 CSR 10-6.060
Construction Permits 6432, 6433, 6434 (1999 LAER Agreement)

Emission Limitation:

The electrocoat process operation shall not discharge or cause the discharge into the atmosphere of VOC emissions in excess of 1.34 pounds VOC per gallon of applied coating solids.

Monitoring:

1. Follow the procedures specified in § 60.393(c)(2) to determine the monthly volume weighted average mass of VOC emitted per volume of applied coating solids.
2. Where compliance with §60.392 is achieved through the use of incineration, temperature measurement devices shall be installed, calibrated, as prescribed by §60.394.
3. At the time of permit issuance, Chrysler meets these emission limits without taking credit for add-on controls. The facility may switch between demonstrating compliance with the NSPS emission standards with or without credit for the reduction in emissions associated with a particular control device at the beginning of any month. The Saint Louis County Air Pollution Control Program shall be notified of this change no later than thirty days after the end of the calendar month the switch occurred. Chrysler must comply with the requirements for add-on control devices, if they choose to take credit for them.

Recordkeeping:

1. Identify and record the monthly volume weighted average mass of VOC per volume of applied coating solids emitted to the atmosphere.
2. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. Submit a written report to the Saint Louis County Air Pollution Control Program and EPA Region 7 every calendar quarter of each instance in which the volume-weighted average of the total mass of VOCs per volume of applied coating solids (N) is greater than the limit specified under §60.392. If no such instances have occurred during a particular quarter, a report stating this shall be submitted to the Saint Louis County Air Pollution Control Program semi-annually. This reporting requirement can be fulfilled by the semi-annual monitoring report required by 10 CSR 10-6.065, §(6)(C)1.C in lieu of submitting a separate report.
2. Notify the Saint Louis County Air Pollution Control Program and the Missouri Department of Natural Resources Air Pollution Control Program thirty days in advance of any test by Method 25.
3. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, no later than thirty (30) days after the end of the calendar month.

EU-N040, Anti-Chip Coating Operation (Booth and Oven)	
General Description*:	Powder anti-chip coating booth, and associated natural gas oven, 34,500 scfm
Manufacturer/Model #:	N/A
EIQ Reference # (Year):	EP-004 (2006)
STLCO Construction/Operating Permit #	N/A

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N040-001

10 CSR 10-6.060
Construction Permits Required
1993 LAER Permitting Agreement

Emission Limitation:

VOCs from the anti-chip coating operation shall not be emitted nor discharged into the atmosphere in excess of 17.5 pounds VOC per gallon of applied coating solids on a monthly basis.

Monitoring/Record Keeping:

1. Records of the VOC content shall be kept, as necessary to determine compliance.
2. Records shall be retained for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, upon request.

Reporting:

1. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, on a monthly basis, no later than thirty days after the end of the calendar month.
2. Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

EU-N060 & EU-N070, Tu-Tone Topcoat Operation (Booth & Oven)	
General Description*:	Tu-Tone topcoat operation including a spray booth with water curtain, air flow 415,275 scfm; and uncontrolled Tu-Tone oven
Manufacturer/Model #:	N/A
EIQ Reference # (Year)	EP-006, EP-007 (2006)
STLCO Construction/Operating Permit #	3671, 3672

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N060 & EU-N070-001

10 CSR 10-6.060
Construction Permits Required
Saint Louis County Construction Permits 3672

Emission Limitation:

VOC emissions from the Tu-Tone operation are limited to 39.0 tons per year on a twelve (12) month rolling total.

Monitoring/Record Keeping:

1. Determine and record the amount of VOC containing materials and, where applicable, the related waste recovery credits, shall be determined and recorded on a monthly basis. Maintain a record of the VOC content of the VOC containing materials.
2. Retain records for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, on a monthly basis, no later than thirty days after the end of the calendar month.
2. Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

Topcoat Operations:	
EU-N060 & EU-N070, Tu-Tone (Booth & Oven)	
General Description*:	Tu-Tone topcoat operation including a spray booth with water curtain, air flow 415,275 scfm; and uncontrolled Tu-Tone oven
Manufacturer/Model #:	N/A
EIQ Reference # (Year)	EP-006, EP-007 (2006)
STLCO Construction/Operating Permit #	3671, 3672
EU-N080 & EU-N090, Main Color #1 (Booth and Ovens)	
General Description*:	Automatic color booth, high voltage electro-static painting, with oven connected to RTO (EU-N280)
Manufacturer/Model #:	N/A
EIQ Reference # (Year)	EP-008, EP-009 (2006)
STLCO Construction/Operating Permit #	1487/5524, 1488/5525
EU-N250, EU-N260 & EU-N270, Main Color #2 (Booths and Ovens)	
General Description*:	Automatic basecoat #2 spray booth with downdraft water wash Automatic clearcoat #2 spray booth with downdraft water wash Topcoat ovens #2 Flash off area and ovens connected to RTO (EU-N280)
Manufacturer/Model #:	N/A
EIQ Reference # (Year):	EP-025, EP-026, EP-027 (2006)
STLCO Construction/Operating Permit #	6432, 6433, 6434

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N060, EU-N070, EU-N080, EU-N090, EU-N250, EU-N260 & EU-N270-001

10 CSR 10-6.070
New Source Performance Regulations
40 CFR Part 60 Subpart MM
Standard of Performance for Automobile and Light Duty Truck Surface Coating Operations
40 CFR Part 60 Subpart A
General Provisions
10 CSR 10-6.060
1993 LAER Permitting Agreement

Emission Limitation:

VOCs from the topcoat operations shall not be emitted or discharged to the atmosphere in excess of 12.27 pounds VOC per gallon of applied coating solids [60.392 (a)].

Monitoring:

1. Follow the procedures specified in §60.393(c)(2) to determine the monthly volume weighted average mass of VOC emitted per volume of applied coating solids.
2. Where compliance with §60.392 is achieved through the use of incineration, temperature measurement devices shall be installed, calibrated, as prescribed by §60.394.
3. At the time of permit issuance, Chrysler meets these emission limits without taking credit for add-on controls. The facility may switch between demonstrating compliance with the NSPS emission standards with or without credit for the reduction in emissions associated with a particular control

device at the beginning of any month. The Saint Louis County Air Pollution Control Program shall be notified of this change no later than thirty days after the end of the calendar month the switch occurred. Chrysler must comply with the requirements for add-on control devices, if they choose to take credit for them.

Recordkeeping:

1. Identify and record the monthly volume weighted average mass of VOC per volume of applied coating solids emitted to the atmosphere.
2. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. Submit a written report to the Saint Louis County Air Pollution Control Program and EPA Region 7 every calendar quarter of each instance in which the volume-weighted average of the total mass of VOCs per volume of applied coating solids (N) is greater than the limit specified under §60.392. If no such instances have occurred during a particular quarter, a report stating this shall be submitted to the Saint Louis County Air Pollution Control Program semi-annually. This reporting requirement can be fulfilled by the semi-annual monitoring report required by 10 CSR 10-6.065, §(6)(C)1.C in lieu of submitting a separate report.
2. Notify the Saint Louis County Air Pollution Control Program and the Missouri Department of Natural Resources Air Pollution Control Program thirty days in advance of any test by Method 25.
3. A monthly VOC Emissions Report shall be submitted either electronically or in hard-copy form to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, no later than thirty (30) days after the end of the calendar month.

Permit Condition EU-N060, EU-N070, EU-N080, EU-N090, EU-N250, EU-N260 & EU-N270-002

10 CSR 10-5.330

Control of Emissions from Industrial Surface Coating Operations

Emission Limitation:

VOCs from the topcoat operations shall not be emitted or discharged to the atmosphere in excess of 15.1 pounds VOC per gallon of applied coating solids on a daily volume weighted average of all coatings.

Monitoring:

The calculation of daily volume weighted emission performance for automobile and light duty truck primer surfacer and topcoat operations shall be made according to procedures detailed in the EPA document entitled “Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light Duty Truck Topcoat Operations” (EPA-450/3-88-018) dated December 1988, or as amended.

Record Keeping:

1. Records detailing specific VOC sources, as necessary to determine compliance, shall be kept. These may include:
   a) The type and the quantity of coatings used daily;
   b) The coating manufacturer’s formulation data for each coating;

c) The type and quantity of solvents for coating, thinning, purging and equipment cleaning used daily;
d) Test results that determine capture and control efficiencies, transfer efficiencies and coating makeup;
e) The type and quantity of waste solvents reclaimed or discarded daily;
f) The quantity of pieces of materials coated daily; and
g) Any additional information pertinent to determine compliance.

2. Records such as daily production rates may be substituted for actual daily coating use measurement provided the owner submits a demonstration approvable by the Saint Louis County Air Pollution Control Program that such records are adequate for the purpose of this rule.
3. Records shall be retained for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, upon request.

Reporting:

Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

EU-N150, Vehicle Fill Stations and Underground Storage Tanks	
General Description*:	Vehicle fill stations for initial fueling of vehicles, executive gasoline fueling station, 3 unleaded underground storage tanks, 19,754 gallons each
Manufacturer/Model #:	Initial fill - Synchrotek semi-automated fuel dispensing system with 2 nozzles Executive fill - Bennett dispenser, 1 nozzle, installed 2000
EIQ Reference # (Year):	EP-015 (2006)
STLCO Construction/Operating Permit #	10109, 10110, 10111 (tanks), 20569, 20570 (initial fill), 20571 (executive fill)

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N150-001

10 CSR 10-5.220

Control of Petroleum Liquid Storage, Loading and Transfer

Emission Limitation/Operational Parameters:

Gasoline Transfer

1. The permittee shall not cause or permit the transfer of gasoline into a gasoline storage tank with a capacity greater than five hundred (500) gallons unless:
   a) The storage tank is equipped with a submerged fill pipe extending unrestricted to within submerged fill pipe extending unrestricted to within six inches (6") of the bottom of the tank, and not touching the bottom of the tank, or the storage tank is equipped with a system that allows a bottom fill condition;
   b) All storage tank caps and fittings are vapor-tight when gasoline transfer is not taking place; and
   c) Each storage tank is vented via a conduit that is
      i) At least two inches (2") inside diameter;
      ii) At least twelve feet (12') in height above grade; and

iii) Equipped with a pressure/vacuum valve that is CARB certified at three inches water column pressure/eight inches water column vacuum (3”wcp/8”wcv) except when the permittee provides documentation that the system is CARB certified for a different valve and will not function properly with a 3”wcp/8”wcv valve. Initial fueling of motor vehicle systems an ancillary refueling systems previous MO/PETP approval applies for pressure/vacuum valves.

2. The permittee shall not cause or permit the transfer of gasoline into a gasoline storage tank with a capacity greater than one thousand (1,000) gallons unless the storage tank is equipped with a Stage I vapor recovery system that has a collection efficiency of ninety-eight percent (98%) that is based on MO/PETP and the delivery vessels to these tanks comply with 10 CSR 10-5.220(3)(D).
   a) The vapor recovery system shall collect no less than ninety-eight percent (98%) by volume of the vapors displaced from the stationary storage tank using gasoline transfer and shall return the vapors via a vapor-tight return to the delivery vessel. All fill ports and vapor ports shall be equipped with MO/PETP poppeted fittings.

Initial Fueling of Motor Vehicles and Ancillary Refueling Systems

1. Initial fueling systems and ancillary refueling systems are not subject to MO/PETP testing requirements. All other MO/PETP provisions apply.
2. No owner or operator shall install, permit the use of, or maintain any stationary gasoline tank for the purpose of initial fueling of new motor vehicles unless the new motor vehicle is equipped with a U.S. EPA certified Onboard Refueling Vapor Recovery (ORVR) system or the gasoline dispensing system is equipped with a vapor recovery system, capable of a minimum of ninety-five percent (95%) control efficiency.
3. No owner or operator shall install, permit the use of, or maintain any stationary gasoline tank for the purpose of ancillary fueling of motor vehicles unless the motor vehicle is equipped with a U.S. EPA certified Onboard Refueling Vapor Recovery (ORVR) system or the gasoline dispensing system is equipped with a vapor recovery system, capable of a minimum of ninety-five percent (95%) control efficiency.
4. Demonstration of emission capture efficiency of the gasoline dispensing system shall be required and made available to the staff director upon request. The dispensing system shall be approved by the staff director if the system:
   a) Collects the hydrocarbon vapors and gases discharged during initial motor vehicle fueling, storage tank loading, breathing, and working losses;
   b) Prevents their emission into the atmosphere; and
   c) Demonstrates a minimum of ninety-five percent (95%) control efficiency for emission reduction of the fuel dispensing operation emissions.
5. Initial fueling systems and ancillary refueling systems are subject to the Gasoline Transfer requirements above except for the MO/PETP testing.
6. Maintain the vapor control system in good working order in accordance with the manufacturer’s specifications and with no indication of visible liquid leaks.
   a) Installations containing initial fueling systems and ancillary refueling systems shall allow the department to make vapor recovery inspections at any time to ensure systems are in working order and are being maintained and operated according to permits and regulations and manufacturer recommendations.

Monitoring:

1. Conduct regular preventive maintenance self-inspections of the vapor control system and conduct any necessary repairs upon identification of those defects. The facility must conduct all maintenance specified by manufacturer guidelines. These manufacturer guidelines must be made available to inspectors upon request.
2. Ensure all fueling procedures are conducted in the most efficient manner to reduce emission from drips.
3. Ensure the sealing of the filled vehicle's tank after fueling.

Recordkeeping:

1. Keep records documenting the vessel owners and number of delivery vessels unloaded by each owner. Records shall be made available to the staff director within five (5) days of a request.
2. Keep on-site copies of the four (4) most recent loading tickets, manifests or delivery receipts for each grade of product received. If a delivery receipt is retained rather than a manifest or loading ticket, the delivery ticket shall bear the following information: vendor name, date of delivery, quantity of each grade, point of origin, and the manifest or loading ticket number.
3. Keep records on-site of all self-tests, self-inspections, defects found, repairs, and maintenance activities. Records shall be made available to the staff director within five (5) days of a request.
4. Retain records for the previous sixty (60) month period.

Permits Required:

1. All existing installations must apply to the director for an initial operating permit.
2. The operating permit that covers the initial fueling systems and the ancillary refueling systems shall be incorporated as part of the installation applicable requirements of 10 CSR 10-6.065, Operating Permits.

EU-N160, Spot Repair Booths	
General Description*:	Paint: 4-bay spot repair booth with dry filters (Closed system-does not vent to atmosphere) Assembly: 8-bay spot repair booth with dry filters (Vents to atmosphere)
Manufacturer/Model #:	N/A
EIQ Reference # (Year):	EP-016 (2006)
STLCO Construction/Operating Permit #	6651, 5801

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N160-001

10 CSR 10-5.330

Control of Emissions from Industrial Surface Coating Operations

Emission Limitation:

VOCs from the spot repair process operation are limited to less than 4.8 pounds VOC per gallon coating (minus water and non-VOC organic compounds) on the basis of a daily volume weighted average of all coatings (4.8 lbs VOC/gallon coating = 13.8 lb VOC/gallon solids).

Monitoring:

The following procedures shall be used for determining the daily volume-weighted average ($DAVG_{VW}$) pounds of VOC emitted per gallon of coating (minus water and non-VOC organic compounds):

1. Calculate the $DAVD_{vw}$ of all coatings used as delivered to the coating applicator(s) using the following formula:

$$DAVG_{VW} = \frac{\sum_{i=1}^{n}(A_i + B_i)}{C}$$

Where:
A = daily gal each coating used (minus water and exempt solvents) in a surface coating operation;
B = lbs VOC/gal coating (minus water and exempt solvents);
C = total daily gal coatings used (minus water and exempt solvents) in a surface coating operation; and
n = number of coatings used in a surface coating operation.

2. The composition of the coatings shall be determined by formulation data supplied by the manufacturer or from data determined by an analysis of each coating, as received, by EPA Reference Method 24.
3. The above daily volume-weighted calculation is not necessary if all coatings used are compliant coatings.

Record Keeping:

1. Records detailing specific VOC sources, as necessary to determine compliance, shall be kept. These may include:
   a) The type and the quantity of coatings used daily;
   b) The coating manufacturer's formulation data for each coating;
   c) The type and quantity of solvents for coating, thinning, purging and equipment cleaning used daily;
   d) Test results that determine capture and control efficiencies, transfer efficiencies and coating makeup;
   e) The type and quantity of waste solvents reclaimed or discarded daily;
   f) The quantity of pieces of materials coated daily; and
   g) Any additional information pertinent to determine compliance.
2. Records such as daily production rates may be substituted for actual daily coating use measurement provided the owner submits a demonstration approvable by the Saint Louis County Air Pollution Control Program that such records are adequate for the purpose of this rule.
3. Records shall be retained for the previous 60-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, upon request.

Reporting:

Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

EU-N180, Solvent Parts Washers	
General Description*:	(1) Sealer Pump Cleaning Operations (MACT), (2) solvent parts washers in spot repair booths (MACT)
Manufacturer/Model #:	N/A
EIQ Reference # (Year):	EP-012
STLCO Construction/Operating Permit #	6370, N/A

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N180-001

10 CSR 10-5.300
Control of Emissions from Solvent Metal Cleaning

Emission Limitation:

1. Equipment specifications (Section (3)(A)1 Cold Cleaners):
   a) The cold cleaning solvent vapor pressure shall not exceed 1.0 millimeters of Mercury (mmHg) at twenty degrees Celsius (20°C) (sixty-eight degrees Fahrenheit (68°F)). [Per 10 CSR 10-5.300(1)(D)2.B., cold cleaners using solvents regulated under any federal NESHAP shall be exempt from the solvent vapor pressure requirement].
   b) Each cold cleaner will have a cover, which will prevent the escape of solvent vapors while in the closed position, or enclosed reservoir, which will limit the escape of solvent vapors whenever parts are not being processed in the cleaner.
   c) Exemptions under (1)(D) of the regulation may apply.
   d) Alternate methods for reducing cold cleaning emissions may be used if the permittee shows the emission control is at least equivalent to the control in (a) above and is approved by the director.
   e) When one (1) or more of the following conditions exist the design of the cover shall be such that it can easily be operated with one (1) hand and without disturbing the solvent vapors in the tank. (For covers larger than ten (10) square feet, this shall be accomplished by either mechanical assistance or by a power system).
      i) The solvent volatility is greater than 0.3 psi at one hundred degrees Fahrenheit (100°F)
      ii) The solvent is agitated.
      iii) The solvent is heated.
   f) A drainage facility allowing parts to drain while the cover is closed is required.
   g) If an internal drainage facility as in (f) cannot fit into the cleaning system and the solvent volatility is less than 0.6 psi at one hundred degrees Fahrenheit (100°F), then the cold cleaner shall have an external drainage facility which provides for the solvent to drain back into the solvent bath.
   h) Solvent sprays shall be a solid fluid stream and at a pressure which does not cause splashing above or beyond the freeboard.
   i) A permanent conspicuous label summarizing the operating procedures shall be affixed to the equipment or in a location readily visible during operation of the equipment.
   j) Any cold cleaner which uses a solvent that has a solvent volatility greater than 0.6 psi at one hundred degrees Fahrenheit (100°F) or heated above one hundred twenty degrees Fahrenheit (120°F) must have one (1) of the following control devices:
      i) A freeboard ratio of at least 0.75
      ii) Water cover (solvent must be insoluble in and heavier than water)
      iii) Another control system that has a mass balance demonstrated emission reduction efficiency of at least sixty-five percent (65%) and is approved by the director prior to use.

2. Operating procedures (Section (3)(B)1 Cold Cleaners):
   a) Covers shall be closed whenever parts are not being handled in the cleaners, or solvent must drain into an enclosed reservoir.
   b) Cleaned parts shall be drained in the free board area for fifteen (15) seconds, or until dripping stops, whichever is longer.
   c) Whenever a cold cleaner fails to perform within the operating parameters established by this rule, the unit shall be shut down and secured until trained service personnel are able to restore operation within the established parameters.
   d) Solvent leaks shall be repaired immediately, or the degreaser shall be shut down and the leaks secured until they can be more permanently repaired.
   e) Waste material removed from a cold cleaner shall be disposed of by one of the methods listed in the rule or equivalent (after the director's approval) and in accordance with 10 CSR 25, as applicable.
   f) Waste solvent shall be stored in closed containers only.
3. Operator and Supervisor Training (Section (3)(C)):
   a) Persons who operate a cold cleaner shall be trained in the operational and equipment requirements specified in this rule.
   b) The supervisor of any person who operates a cold cleaner shall receive equal or greater operational training than the operator.
   c) Persons who operate a cold cleaner shall receive a procedural review at least once each twelve (12) months.

Monitoring/ Record Keeping:

1. Monthly records of the following shall be maintained:
   a) Types and amounts of solvent containing waste material from cleaning or degreasing operations:
      i) Transferred to a contract reclamation service or disposal facility
      ii) Distilled on the premises
   b) Maintenance and repair logs for the cold cleaner and any associated control equipment.
2. For cold cleaners subject to Section (3)(A)1 (a) or (b) the following records for each purchase of cold cleaning solvent shall be maintained:
   a) The name and address of the solvent supplier;
   b) The date of purchase;
   c) The type of solvent; and
   d) The vapor pressure of the solvent in millimeters of Mercury (mmHg) at twenty degrees Celsius (20°C) (sixty-eight degrees Fahrenheit (68°F)).
3. Keep a record of the cold cleaner training for each employee.
4. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

Report to the Saint Louis County Air Pollution Control Program at 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, no later than thirty (10) days after the discovery of any exceedance of the cold cleaner requirements established in 10 CSR 10-5.300.

EU-N200, External Combustion Boilers 1 - 3	
General Description*:	Three external combustion boilers, 120 MMBtu/hr each, air flow 22,000 scfm each, primarily burn natural gas. Boiler 1 also combusts landfill gas. Boilers #1-3 are capable of burning No. 2 fuel oil and landfill gas, if needed.
Manufacturer/Model #:	Wicks
EIQ Reference # (Year):	EP-020, EP-029 (2006)
STLCO Construction/Operating Permit #	3443

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N200-001

10 CSR 10-5.030
Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating

Emission Limitation:

The maximum allowable particulate emission rate is 0.28 pounds per million British thermal units of heat input.

Monitoring/Record Keeping:

1. Maintain an accurate record of natural gas, landfill gas, and fuel oil throughput, emission factors, and actual emissions of particulate matter emitted into the atmosphere from this emission unit.
2. These records shall be maintained on a monthly basis and made available immediately for inspection to the Saint Louis County Air Pollution Control Program and the Missouri Department of Natural Resources' personnel upon request.
3. Retain records for the previous sixty (60) month period.

Reporting:

Submit a written report to the Saint Louis County Air Pollution Control Program,
74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

Permit Condition EU-N200-002

10 CSR 10-6.260
Restriction of Emission of Sulfur Compounds

Emission Limitation:

During the months of October, November, December, January, February and March of every year, no person shall burn or permit the burning of any fuel oil containing more than two percent sulfur. Otherwise, no person shall burn or permit the burning of any fuel oil containing more than four percent sulfur.

Monitoring/Record Keeping:

1. Maintain an accurate record of the sulfur content of fuel oil for any month in which fuel oil is combusted.
2. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

Report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of 10 CSR 10-6.260.

EU-N230, External Combustion Boiler 4	
General Description*:	External combustion boiler 4, primarily combusts natural gas and landfill gas and capable of combusting No. 2 fuel oil, 94.1 MMBtu/hr, 22,132 scfm
Manufacturer/Model #:	Nebraska
EIQ Reference # (Year):	EP-023, EP-029 (2006)
STLCO Construction/Operating Permit #	6312

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N230-001

10 CSR 10-6.070
New Source Performance Regulations
40 CFR Part 60 Subpart Dc
Standard of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
40 CFR Part 60 Subpart A
General Provisions

Emission Limitation:

Gases that contain SO_2 shall not be discharged into the atmosphere in excess of 215 ng/J (0.05 lb/million Btu) heat input; or as an alternative, no oil that contains greater than 0.5 weight percent sulfur shall be combusted when firing No. 2 fuel oil. [§60.42c(d)]

Monitoring/Record Keeping:

1. The emission limits or the oil sulfur limits may be determined based on a certification from the fuel supplier. Fuel supplier certification shall include the following information:
   b) The name of the oil supplier;
   c) A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in §60.41c; and
   d) The sulfur content of the oil.
2. Record and maintain records of the amounts of each fuel combusted during each calendar month [§60.48c(g)(2)]
3. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. Submit semi-annual reports postmarked by the 30th day following the end of the reporting period. These reports shall include the following information: [§60.48c(d)]
   a) Calendar dates covered in the reporting period;
   b) Fuel supplier certification records; and
   c) A certified statement signed by the permittee that the records of fuel supplier certification represent all of the fuel oil combusted during the reporting period

2. Notify the director of any reconstruction as defined under §60.15. This notification shall be postmarked no later than 30 days after reconstruction is commenced. [§60.7(a)(1)]
3. Notify the director of any physical or operations change to the emission unit which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in §60.14(e). This notice shall be postmarked sixty days or as soon as practicable before the change is commenced and shall include the information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change and the expected completion date of the change. The Director may request additional relevant information subsequent to this notice. [§60.7(a)(4)]
4. Report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of 10 CSR 10-6.070.

EU-N280, Regenerative Thermal Oxidizers	
General Description*:	(2) Low NOx regenerative thermal oxidizers, natural gas fired, 3 MMBtu/hr each, air flow 28,800 scfm each (1) Concentrator for #2 clear coat booth
Manufacturer:	Eisenmann, Eisenmann
EIQ Reference # (Year):	EP-028 (2006)
STLCO Construction/Operating Permit #	6377, 7047

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N280-001

10 CSR 10-6.060
Construction Permits Required
St Louis County Construction Permits 6377, 7047

Monitoring:

1. The most recent stack test, September 12, 2001, established a minimum operating temperature of 1,450 degrees Fahrenheit for both regenerative thermal oxidizers (fifty degrees below the average combustion temperature during the test, 1,500°F). Subsequent stack tests, approved by the Saint Louis County Air Pollution, may establish a different minimum operating temperature.
2. The regenerative thermal oxidizer's incineration chamber shall be continuously monitored using a thermocouple, or equivalent approved by the Saint Louis County Air Pollution Control Program. The regenerative thermal oxidizer shall be equipped with an audible alarm that will activate whenever the combustion chamber temperature falls below the minimum setting established in the stack testing.
3. Continuous temperature monitoring and recording of the regenerative thermal oxidizer is required at all times when the regenerative thermal oxidizer is on line.
4. The thermocouples measuring the regenerative thermal oxidizer shall be calibrated or replaced on an annual basis. If a thermocouple is calibrated using a second thermocouple, Chrysler must demonstrate that the continuous thermocouple is within plus or minus thirty (30) degrees Fahrenheit of the calibration unit.

Record Keeping:

1. Maintain continuous temperature records. Records may be kept electronically.

2. Maintain records of instances when alarm is activated and all records of inspections, maintenance and repair of theregenerative thermal oxidizers.
3. Retain records for the previous sixty (60) month period and make them available to the Saint Louis County Air Pollution Control Program, or its designated agent, at any reasonable time.

Reporting:

1. Should the temperature fall below the minimum setting established by testing during coating operations for more than a two (2) hour period, Chrysler shall notify the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, within twenty-four hours. A written report shall follow the verbal notification within ten days, indicating the cause of the failure and the corrective action taken.
2. Should the temperature fall during coating operations below the minimum settings, established by testing, more than three (3) times in any three (3) month period or more than six (6) times in any twelve (12) month period; the regenerative thermal oxidizer shall be inspected, adjusted and/or repaired. The Saint Louis County Air Pollution Control Program reserves the right to waive this requirement if satisfied that Chrysler has adequately addressed the cause of the failures.

EU-N310, Sanding Booths	
General Description*:	E-coat sanding booths with dry filters and vacuum system, air flow 4,800 scfm; Tu-Tone sanding booths with dry filters and vacuum system, air flow 48,110 scfm; Spot (Reprocess) Repair sanding booths with dry filters and vacuum system, air flow 13,971 scfm;
Manufacturer/Model #:	N/A
EIQ Reference # (Year):	N/A
STLCO Construction/Operating Permit #	1567/5527, 1568/5528, 1569/5529

*For descriptive informational purposes only, does not constitute any enforceable conditions.

Permit Condition EU-N310-001

10 CSR 10-6.400

Restriction of Emission of Particulate Matter from Industrial Processes

Emission Limitation:

Compliance with this regulation may be based upon source gas volume as described in Section (3)(A)2 of the rule or process weight rate equations included in Section (3)(A)1. Should Chrysler utilize the source gas volume option, the concentration of particulate matter in the exhaust gases shall not exceed the concentration limit specified in Table 1 of the rule, which has been summarized for these emission units in the following table:

Emission Point	Flow (Cubic Ft/Min)	Concentration Limit in Table 1 (Grain per Cubic Ft)
Tu-tone Sanding Booth	48,110	0.053
Uniprime Sanding Booth	4,800	0.1
Spot Repair Sanding Booth	13,971	0.071

Monitoring:

1. Maintain and operate the filters in good working order.

2. Conduct monthly inspections of the filters.

Record Keeping:

1. Records demonstrating compliance with the concentration limit specified in Table 1 of this rule shall be maintained.
2. Records of the monthly filter inspections and replacement dates shall be maintained.
3. Records shall be retained for the previous sixty-month period and made available to the Saint Louis County Air Pollution Control Program, or its designated agent, upon request.

Reporting:

Submit a written report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and the Missouri Department of Natural Resources Air Pollution Control Program's Enforcement Section, P.O. Box 176, Jefferson City, MO 65102, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation.

IV. Core Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR), Code of State Regulations (CSR), and local ordinances for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

10 CSR 10-6.045 Open Burning Restrictions

The open burning of tires, petroleum-based products, asbestos containing materials, trade waste, refuse and vegetative debris is prohibited.

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

1) In the event of a malfunction, which results in excess emissions that exceed one hour, the permittee shall submit to the director within two business days, in writing, the following information:
   a) Name and location of installation;
   b) Name and telephone number of person responsible for the installation;
   c) Name of the person who first discovered the malfunction and precise time and date that the malfunction was discovered.
   d) Identity of the equipment causing the excess emissions;
   e) Time and duration of the period of excess emissions;
   f) Cause of the excess emissions;
   g) Air pollutants involved;
   h) Best estimate of the magnitude of the excess emissions expressed in the units of the applicable requirement and the operating data and calculations used in estimating the magnitude;
   i) Measures taken to mitigate the extent and duration of the excess emissions; and
   j) Measures taken to remedy the situation that caused the excess emissions and the measures taken or planned to prevent the recurrence of these situations.
2) The permittee shall submit the paragraph 1 information list to the director in writing at least ten days prior to any maintenance, start-up or shutdown, which is expected to cause an excessive release of emissions that exceed one hour. If notice of the event cannot be given ten days prior to the planned occurrence, it shall be given as soon as practicable prior to the release. If an unplanned excess release of emissions exceeding one hour occurs during maintenance, start-up or shutdown, the director shall be notified verbally as soon as practical during normal working hours and no later than the close of business of the following working day. A written notice shall follow within ten working days.
3) Upon receipt of a notice of excess emissions issued by an agency holding a certificate of authority under Section 643.140, RSMo, the permittee may provide information showing that the excess emissions were the consequence of a malfunction, start-up or shutdown. The information, at a minimum, should be the paragraph 1 list and shall be submitted not later than ten days after receipt of the notice of excess emissions. Based upon information submitted by the permittee or any other pertinent information available, the director or the commission shall make a determination whether the excess emissions constitute a malfunction, start-up or shutdown and whether the nature, extent and duration of the excess emissions warrant enforcement action under Section 643.080 or Section 643.151, RSMo.

4) Nothing in this rule shall be construed to limit the authority of the director or commission to take appropriate action, under Sections 643.080, 643.090 and 643.151, RSMo to enforce the provisions of the Air Conservation Law and the corresponding rule.
5) Compliance with this rule does not automatically absolve the permittee of liability for the excess emissions reported.

10 CSR 10-6.060 Construction Permits Required

The permittee shall not commence construction, modification, or major modification of any installation subject to this rule, begin operation after that construction, modification, or major modification, or begin operation of any installation which has been shut down longer than five years without first obtaining a permit from the permitting authority.

10 CSR 10-6.065 Operating Permits

The permittee shall file a complete application for renewal of this operating permit at least six months before the date of permit expiration. In no event shall this time be greater than eighteen months. [10 CSR 10-6.065(5)(B)1.A(III)] The permittee shall retain the most current operating permit issued to this installation on-site. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)1.C(II)] The permittee shall immediately make such permit available to any Saint Louis County Air Pollution Control Program or the Missouri Department of Natural Resources' personnel upon request. [10 CSR 10-6.065, §(5)(C)(1) and §(6)(C)3.B]

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

1) The permittee shall follow the procedures and requirements of 40 CFR Part 61, Subpart M for any activities occurring at this installation which would be subject to provisions for 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos.
2) The permittee shall conduct monitoring to demonstrate compliance with registration, certification, notification, and Abatement Procedures and Practices standards as specified in 40 CFR Part 61, Subpart M.

10 CSR 10-6.100 Alternate Emission Limits

Proposals for alternate emission limitations shall be submitted on Alternate Emission Limits Permit forms provided by the department. An installation owner or operator must obtain an Alternate Emission Limits Permit in accordance with 10 CSR 10-6.100 before alternate emission limits may become effective.

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

1) The permittee shall complete and submit an Emission Inventory Questionnaire (EIQ) in accordance with the requirements outlined in this rule.
2) The permittee shall pay an annual emission fee per ton of regulated air pollutant emitted according to the schedule in the rule. This fee is an emission fee assessed under authority of RSMo. 643.079.
3) The fees shall be due on the date specified by 10 CSR 10-6.110(3)(D)F each year for emissions produced during the previous calendar year. The fees shall be payable to the Department of Natural Resources and shall be accompanied by the Emissions Inventory Questionnaire (EIQ) form or equivalent approved by the director.

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

This rule specifies the conditions that establish an air pollution alert (yellow/orange/red/purple), or emergency (maroon) and the associated procedures and emission reduction objectives for dealing with each. The permittee shall submit an appropriate emergency plan if required by the director.

10 CSR 10-6.150 Circumvention

The permittee shall not cause or permit the installation or use of any device or any other means which, without resulting in reduction in the total amount of air contaminant emitted, conceals or dilutes an emission or air contaminant which violates a rule of the Missouri Air Conservation Commission.

10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin

1) The permittee shall not cause or allow any handling, transporting or storing of any material; construction, repair, cleaning or demolition of a building or its appurtenances; construction or use of a road, driveway or open area; or operation of a commercial or industrial installation without applying reasonable measures as may be required to prevent, or in a manner which allows or may allow, fugitive particulate matter emissions to go beyond the premises of origin in quantities that the particulate matter may be found on surfaces beyond the property line of origin. The nature or origin of the particulate matter shall be determined to a reasonable degree of certainty by a technique proven to be accurate and approved by the director.
2) The permittee shall not cause nor allow any fugitive particulate matter emissions to remain visible in the ambient air beyond the property line of origin.
3) Should it be determined that noncompliance has occurred, the director may require reasonable control measures as may be necessary. These measures may include, but are not limited to, the following:
    a) Revision of procedures involving construction, repair, cleaning and demolition of buildings and their appurtenances that produce particulate matter emissions;
    b) Paving or frequent cleaning of roads, driveways and parking lots;
    c) Application of dust-free surfaces;
    d) Application of water; and
    e) Planting and maintenance of vegetative ground cover.

10 CSR 10-6.180 Measurement of Emissions of Air Contaminants

1) The director may require any person responsible for the source of emission of air contaminants to make or have made tests to determine the quantity or nature, or both, of emission of air contaminants from the source. The director may specify testing methods to be used in accordance with good professional practice. The director may observe the testing. Qualified personnel shall perform all tests.
2) The director may conduct tests of emissions of air contaminants from any source. Upon request of the director, the person responsible for the source to be tested shall provide necessary ports in stacks or ducts and other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of the emission of air contaminants.
3) The director shall be given a copy of the test results in writing and signed by the person responsible for the tests.

10 CSR 10-6.250 Asbestos Abatement Projects – Certification, Accreditation, and Business Exemption Requirements

The permittee shall conduct all asbestos abatement projects within the procedures established for certification and accreditation by 10 CSR 10-6.250. This rule requires individuals who work in asbestos abatement projects to be certified by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires training providers who offer training for asbestos abatement occupations to be accredited by the Missouri Department of Natural Resources Air Pollution Control Program. This rule requires persons who hold exemption status from certain requirements of this rule to allow the department to monitor training provided to employees. Each individual who works in asbestos abatement projects must first obtain certification for the appropriate occupation from the department. Each person who offers training for asbestos abatement occupations must first obtain accreditation from the department. Certain business entities that meet the requirements for state-approved exemption status must allow the department to monitor training classes provided to employees who perform asbestos abatement.

10 CSR 10-6.280 Compliance Monitoring Usage

1) The permittee is not prohibited from using the following in addition to any specified compliance methods for the purpose of submission of compliance certificates:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) Monitoring method(s) approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits," and incorporated into an operating permit; and
   c) Any other monitoring methods approved by the director.
2) Any credible evidence may be used for the purpose of establishing whether a permittee has violated or is in violation of any such plan or other applicable requirement. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred by a permittee:
   a) Monitoring methods outlined in 40 CFR Part 64;
   b) A monitoring method approved for the permittee pursuant to 10 CSR 10-6.065, "Operating Permits," and incorporated into an operating permit; and
   c) Compliance test methods specified in the rule cited as the authority for the emission limitations.
3) The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
   a) Applicable monitoring or testing methods, cited in:
      i) 10 CSR 10-6.030, "Sampling Methods for Air Pollution Sources;"
      ii) 10 CSR 10-6.040, "Reference Methods;"
      iii) 10 CSR 10-6.070, "New Source Performance Standards;"
      iv) 10 CSR 10-6.075, "Maximum Achievable Control Technology Regulations;" or
   b) Other testing, monitoring, or information gathering methods, if approved by the director, that produce information comparable to that produced by any method listed above.

10 CSR 10-5.040 Use of Fuel in Hand-Fired Equipment Prohibited

It shall be unlawful to operate any hand-fired fuel-burning equipment in the Saint Louis, Missouri metropolitan area. This regulation shall apply to all fuel-burning equipment including, but not limited to, furnaces, heating and cooking stoves and hot water furnaces. It shall not apply to wood-burning

fireplaces and wood-burning stoves in dwellings, nor to fires used for recreational purpose, nor to fires used solely for the preparation of food by barbecuing. Hand-fired fuel-burning equipment is any stove, furnace, or other fuel-burning device in which fuel is manually introduced directly into the combustion chamber.

10 CSR 10-5.160 Control of Odors in the Ambient Air

No person shall emit odorous matter as to cause an objectionable odor on or adjacent to:

1) Residential, recreational, institutional, retail sales, hotel or educational premises.
2) Industrial premises when air containing odorous matter is diluted with twenty (20) or more volumes of odor-free air; or
3) Premises other than those in paragraphs (1)A.1. and 2. of the rule when air containing odorous matter is diluted with four (4) or more volumes of odor-free air.

The previously mentioned requirement shall apply only to objectionable odors. An odor will be deemed objectionable when thirty percent (30%) or more of a sample of the people exposed to it believe it to be objectionable in usual places of occupancy; the sample size to be at least twenty (20) people or seventy-five percent (75%) of those exposed if fewer than twenty (20) people are exposed.

10 CSR 10-5.450 Coating of VOC Emissions from Traffic Coatings

1) No person shall supply, sell, offer for sale, apply, or solicit the application of any traffic coating, which at the time of sale or manufacture contains more than 1.26 pounds VOC per gallon, excluding water, exempt compounds, and any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the Saint Louis metropolitan area without the approval of the staff director.
2) All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to, being accessed, filled, emptied, or repaired.

Title VI – 40 CFR Part 82 Protection of Stratospheric Ozone

1) The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
   a) All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.
   b) The placement of the required warning statement must comply with the requirements pursuant to §82.108.
   c) The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.
   d) No person may modify, remove, or interfere with the required warning statement except as described in §82.112.
2) The permittee shall 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 (MVACs) in Subpart B:
   a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to §82.156.
   b) 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.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.
d) Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like" appliance as defined at §82.152).
e) Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.
f) Owners/operators of appliances normally containing fifty or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.

3) If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, Production and Consumption Controls.
4) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air conditioners. 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.
5) The permittee 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. *Federal Only - 40 CFR Part 82*

V. Saint Louis County Air Pollution Control Code Requirements

Section 612.040, Air Quality Standards and Air Pollution Control Regulations

Saint Louis County Air Pollution Control Program may enforce Missouri Code of State Regulations as adopted and promulgated by the Air Conservation Commission of the State of Missouri consisting of Title 10, Division 10, Chapters 5 and 6.

Section 612.100, Emergency Abatement of Violation

By written approval of the County Executive, any facility indirectly or directly discharging any air contaminant in violation of the Saint Louis County Air Pollution Control Code where it is the opinion of the director that the discharge creates an emergency which requires immediate action to protect the public health, shall order the person in writing to discontinue immediately.

Section 612.110, Permits Required

The permittee shall obtain a Saint Louis County Air Pollution Control Program operating permits for its installation. The permittee shall not commence construction, modification, or major modification of any installation subject to this rule without obtaining a permit from Saint Louis County Air Pollution Control Program.

Section 612.120, Permits to be Visibly Affixed or Placed

The permittee shall visibly affix the Saint Louis County Air Pollution Control Program Permit on or near permitted equipment.

Section 612.200, Testing Prior to Granting of Operating Permit

1) *Emission Standards:* Before an authority to construct or permit to operate is granted, the Director may require the applicant to conduct tests to determine the kind or amount of the air contaminant emitted from the equipment. Such tests shall be conducted, reviewed and certified by a licensed engineer. The permittee shall notify the County of the time and place of testing for the purpose of witnessing the test.
2) *Record Keeping Requirements:* Records shall be kept during testing as approved in a test protocol submitted to the County prior to testing.
3) *Monitoring Requirements:* Monitoring during testing shall be as approved in a test protocol submitted to the County prior to testing.
4) *Reporting Requirements:* The permittee shall report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, no later than ten (10) days after any exceedance of any of the terms imposed by this regulation, or any condition which could possibly cause an exceedance of this regulation.

Section 612.220, Suspension or Revocation of Permits

The director may suspend or revoke a permit to operate or authority to construct for willful or continued violation of the Saint Louis County Air Pollution Control Code.

Section 612.250 Fees, When Payable, Exceptions

Fees for authority to construct and operating permits in the amounts provided in Section 612.260 shall be paid to the director except as provided in Subsections 3 and 4 of this rule.

Section 612.260, Schedules

The permittee shall pay Saint Louis County Air Pollution Control Program Construction Permit fees when applicable and annual Operating Permit fees in accordance with the rule.

Section 612.280, Testing by Order of the Board

1) *Emission Standards:* If any article, machine, equipment or other contrivance is in violation of the Saint Louis County Air Pollution Code, the director may file with the Board for its approval an order directing the permittee of such equipment to conduct such tests as are necessary in the opinion of the Director and approved by the Board to determine whether the equipment is in violation of this Code.
2) *Monitoring/Record Keeping Requirements:* The entire test results shall be reviewed and certified by an engineer licensed under Chapter 327, RSMo 1959. The engineer shall be selected by the permittee and approved by the Board.
3) *Reporting Requirements:* The permittee shall give at least (7) days notice prior to the commencement of the test. The permittee shall report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017.

Section 612.290, Right of Entry; Inspections; Samples

The permittee shall allow the director or his agent to enter at all times with reasonable notice, inspect any equipment, control apparatus, fuel, matter or things which affect or may affect the emission of air contaminants, inspect any records relating to the use of any equipment or control apparatus which affect or may affect the emission of air contaminants, and sample any equipment, control apparatus, fuel, matter or things which affect or may affect the emission of air contaminants.

Section 612.310, Upset Conditions, Breakdown or Scheduled Maintenance

The permittee shall report to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, within twenty-four hours of occurrence of any unavoidable upset in or breakdown of equipment and in case of shutdown for necessary scheduled maintenance, the intent to be shutdown shall be reported to the Saint Louis County Air Pollution Control Program twenty-four hours prior to shutdown.

Section 612.340, Air Pollution Nuisances Prohibited

It is unlawful for the permittee to cause of such quantities of soot, cinders, noxious acids, fumes and gases or other particulate matter from whatever source in such place or matter as to be detrimental to any person or the public or to endanger the health, comfort and safety of any person or the public, injury or damage to property or business.

Section 612.380, Interfering with or Obstructing Division Personnel

No person shall hinder, resist, interfere with or obstruct the director or any division employee in carrying out any duty for the director or the Board.

Section 612.530, Saint Louis County Air Pollution Control Program Asbestos Abatement Rules and Regulations—Registration, Notification and Performance Requirements

The permittee shall conduct all asbestos abatement projects within the procedures and requirements established in Section 612.530.

VI. General Permit Requirements

The installation shall comply with each of the following requirements. Consult the appropriate sections in the Code of Federal Regulations (CFR) and Code of State Regulations (CSR) for the full text of the applicable requirements. All citations, unless otherwise noted, are to the regulations in effect as of the date that this permit is issued.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.B Permit Duration

This permit is issued for a term of five years, commencing on the date of issuance. This permit will expire at the end of this period unless renewed.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.C General Record Keeping and Reporting Requirements

1) Record Keeping
   a) All required monitoring data and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report or application.
   b) Copies of all current operating and construction permits issued to this installation shall be kept on-site for as long as the permits are in effect. Copies of these permits shall be made immediately available to any Saint Louis County Air Pollution Control Program or Missouri Department of Natural Resources' personnel upon request.
2) Reporting
   a) Semi-annual Monitoring Reports
      i) The permittee shall submit a semi-annual report of all required monitoring by:
      (1) October 1st for monitoring which covers the January through June time period, and
      (2) April 1st for monitoring which covers the July through December time period.
      ii) Each semi-annual monitoring report must identify any deviations from permit requirements since the previous report that have been monitored by the monitoring systems required under the permit, and any deviation from the monitoring, record keeping and reporting requirements of the permit.
      iii) These reports shall be submitted to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, and Missouri Department of Natural Resources Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102.
   b) Annual Compliance Certification
      i) The permittee shall submit an annual report of all required monitoring by:
      April 1st for monitoring which covers the January through December time period, and
      ii) These reports shall be submitted to the Saint Louis County Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, Missouri Department of Natural Resources Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102, and EPA Region 7 Missouri Air Compliance Coordinator, 901 N. 5th Street, Kansas City, KS 66101.
   c) Supplemental Reports
      i) Submit supplemental reports as required or as needed. Supplemental reports are required no later than ten days after any exceedance of any applicable rule, regulation or other restriction. All reports of deviations shall identify the cause or probable cause of the deviations and any corrective actions or preventative measures taken.

ii) Notice of any deviation resulting from an emergency (or upset) condition as defined in paragraph (6)(C)7 of 10 CSR 10-6.065 (Emergency Provisions) shall be submitted to the permitting authority either verbally or in writing within two (2) working days after the date on which the emission limitation is exceeded due to the emergency, if the permittee wishes to assert an affirmative defense. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that indicate an emergency occurred and the permittee can identify the cause(s) of the emergency. The permitted installation must show that it was operated properly at the time and that during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or requirements in the permit. The notice must contain a description of the emergency, the steps taken to mitigate emissions, and the corrective actions taken.

iii) Any deviation that poses an imminent and substantial danger to public health, safety or the environment shall be reported as soon as practicable.

iv) Any other deviations identified in the permit as requiring more frequent reporting than the annual report shall be reported on the schedule specified in this permit, and no later than ten days after any exceedance of any applicable rule, regulation, or other restriction.

d) Every report submitted shall be certified by the responsible official, except that, if a report of a deviation must be submitted within ten days after the deviation, the report may be submitted without a certification if the report is resubmitted with an appropriate certification within ten days after that, together with any corrected or supplemental information required concerning the deviation.

e) The permittee may request confidential treatment of information submitted in any report of deviation.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)1.D Risk Management Plan Under Section 112(r)

The permittee shall comply with the requirements of 40 CFR Part 68, Accidental Release Prevention Requirements. If the permittee has more than a threshold quantity of a regulated substance in process, as determined by 40 CFR Section 68.115, the permittee shall submit a Risk Management Plan in accordance with 40 CFR Part 68 no later than the latest of the following dates:

1) June 21, 1999;
2) Three years after the date on which a regulated substance is first listed under 40 CFR Section 68.130; or
3) The date on which a regulated substance is first present above a threshold quantity in a process.

10 CSR 10-6.065, §(5)(C)1.A General Requirements

1) The permittee must comply with all of the terms and conditions of this permit. Any noncompliance with a permit condition constitutes a violation and is grounds for enforcement action, permit termination, permit revocation and re-issuance, permit modification, or denial of a permit renewal application.
2) The permittee may not use as a defense in an enforcement action that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
3) The permit may be modified, revoked, reopened, reissued or terminated for cause. Except as provided for minor permit modifications, the filing of an application or request for a permit modification, revocation and reissuance, or termination, or the filing of a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

4) This permit does not convey any property rights of any sort, nor grant any exclusive privilege.
5) The permittee shall furnish to the Air Pollution Control Program, upon receipt of a written request and within a reasonable time, any information that the Air Pollution Control Program reasonably may require to determine whether cause exists for modifying, reopening, reissuing or revoking the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the Air Pollution Control Program copies of records required to be kept by the permittee. The permittee may make a claim of confidentiality for any information or records submitted under this rule.
6) Failure to comply with the limitations and conditions that qualify the installation for an Intermediate permit make the installation subject to the provisions of 10 CSR 10-6.065(6) and enforcement action for operating without a valid part 70 operating permit.

10 CSR 10-6.065, §(5)(C)1, §(5)(C)3, §(6)(C)3.B, and §(6)(C)3.E.(I) – (III) and (V) – (VI) Compliance Requirements

1) Any document (including reports) required to be submitted under this permit shall contain a certification signed by the responsible official.
2) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow authorized officials of the permitting agency to perform the following (subject to the installation's right to seek confidential treatment of information submitted to, or obtained by, the permitting authority under this subsection):
   a) Enter upon the premises where a permitted installation is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
   b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
   c) Inspect, at reasonable times and using reasonable safety practices, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
   d) As authorized by the Missouri Air Conservation Law, Chapter 643, RSMo or the Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the terms of this permit, and all applicable requirements as outlined in this permit.
3) All progress reports required under an applicable schedule of compliance shall be submitted semi-annually (or more frequently if specified in the applicable requirement). These progress reports shall contain the following:
   a) Dates for achieving the activities, milestones or compliance required in the schedule of compliance, and dates when these activities, milestones or compliance were achieved, and
   b) An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventative or corrective measures adopted.
4) The permittee shall submit an annual certification that it is in compliance with all of the federally enforceable terms and conditions contained in this permit, including emissions limitations, standards, or work practices. These certifications shall be submitted annually by April 1st, unless the applicable requirement specifies more frequent submission. All deviations and exceedances must be included in the compliance certifications. The compliance certification shall include the following:
   a) The identification of each term or condition of the permit that is the basis of the certification;
   b) The current compliance status, as shown by monitoring data and other information reasonably available to the installation;
   c) Whether compliance was continuous or intermittent;

d) The method(s) used for determining the compliance status of the installation, both currently and over the reporting period; and
e) Such other facts as the Air Pollution Control Program will require in order to determine the compliance status of this installation.

10 CSR 10-6.065, §(5)(C)1 and §(6)(C)7 Emergency Provisions

1) An emergency or upset as defined in 10 CSR 10-6.065(6)(C)7.A shall constitute an affirmative defense to an enforcement action brought for noncompliance with technology-based emissions limitations. To establish an emergency- or upset-based defense, the permittee must demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, the following:
   a) That an emergency or upset occurred and that the permittee can identify the source of the emergency or upset,
   b) That the installation was being operated properly,
   c) That the permittee took all reasonable steps to minimize emissions that exceeded technology-based emissions limitations or requirements in this permit, and
   d) That the permittee submitted notice of the emergency to the Air Pollution Control Program within two 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 any corrective actions taken.
2) Be aware that an emergency or upset shall not include noncompliance caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

10 CSR 10-6.065, §(5)(C)5 Off-Permit Changes

Except as noted below, the permittee may make any change in its permitted installation's operations, activities or emissions that is not addressed in, constrained by or prohibited by this permit without obtaining a permit revision. Off-permit changes shall be subject to the following requirements and restrictions:

1) The change must meet all applicable requirements of the Act and may not violate any existing permit term or condition; the permittee may not change a permitted installation without a permit revision if this change is a Title I modification; **Please Note:** Changes at the installation which affect the emission limitation(s) classifying the installation as an intermediate source (add additional equipment to the record keeping requirements, increase the emissions above major source level) do not qualify for off-permit changes.
2) The permittee must provide written notice of the change to the Air Pollution Control Program, 74 Clarkson Wilson Ctr., Chesterfield, MO 63017, as well as EPA Region VII, 901 North 5th Street, Kansas City, Kansas 66101, no later than the next annual emissions report. This written notice shall describe each change, including the date, any change in emissions, pollutants emitted and any applicable requirement that would apply as a result of the change; and
3) The permittee shall keep a record describing all changes made at the installation that result in emissions of a regulated air pollutant subject to an applicable requirement and the emissions resulting from these changes.

10 CSR 10-6.020(2)(R)12 Responsible Official

Frank Gualdoni, Plant Manager, was established as the responsible official for SLNAP in an administrative amendment received on April 14, 2008. If this person terminates employment, or is reassigned different duties such that a different person becomes the responsible person to represent and bind the installation in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Saint Louis County Air Pollution Control Program of the change. Said notification shall be in writing and shall be submitted within thirty days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the installation in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the installation until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

10 CSR 10-6.065, §(5)(E)4 and §(6)(E)6.A(III)(a)-(c) Reopening-Permit for Cause

This permit may be reopened for cause if:

1) The Saint Louis County Air Pollution Control Program, the Missouri Department of Natural Resources or EPA determines that the permit contains a material mistake or that inaccurate statements were made which resulted in establishing the emissions limitation standards or other terms of the permit,
2) Additional applicable requirements under the Act become applicable to the installation; however, reopening on this ground is not required if:
   a) The permit has a remaining term of less than three years;
   b) The effective date of the requirement is later than the date on which the permit is due to expire; or
   c) The additional applicable requirements are implemented in a general permit that is applicable to the installation and the installation receives authorization for coverage under that general permit,
3) The Saint Louis County Air Pollution Control Program, Missouri Department of Natural Resources or EPA determines that the permit must be reopened and revised to assure compliance with applicable requirements.

10 CSR 10-6.065, §(5)(E)1.A and §(6)(E)1.C Statement of Basis

This permit is accompanied by a statement setting forth the legal and factual basis for the draft permit conditions (including references to applicable statutory or regulatory provisions). This Statement of Basis, while referenced by the permit, is not an actual part of the permit.

VII. Attachments

ATTACHMENT A: Visible Emissions Walk-Through Form Sample Record Form

This compliance worksheet may be used to meet the record keeping requirements for Permit Condition PWN01.

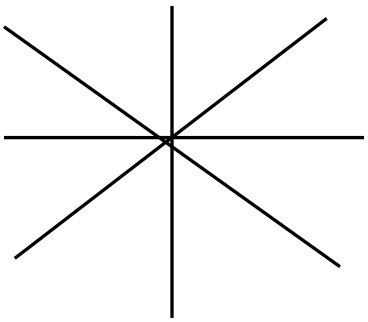
		Visible Emissions			Excess Emissions		
Date	Time	Emission Source	Visible Emissions (yes/no)	Method 9 Performed (yes/no)	Cause	Corrective Action	Observer

ATTACHMENT B: Visible Emission Method 9 Observation Form

This compliance worksheet may be used to meet the record keeping requirements for Permit Condition PWN01.

Source Name_____
Address_____
Observation Point_____
Stack Identification_____
Stack: Distance from_____Height_____
Temp_____%RH_____
Sky Condition_____
Color of Emission_____

Quadrant: Draw symbols below in appropriate place to mark wind direction and speed, observer's location and sun location.



(Stack is at center)

Observer_____
Observer's
Signature_____
Date_____Certification Date_____
Oberserver Began_____Ended_____

COMMENTS:
_____
_____
_____
_____

	0	15	30	45		0	15	30	45
0					41				
1					42				
2					43				
3					44				
4					45				
5					46				
6					47				
7					48				
8					49				
9					50				
10					51				
11					52				
12					53				
13					54				
14					55				
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16					57				
17					58				
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27					68				
28					69				
29					70				
30					71				
31					72				
32					73				
34					74				
35					75				
36					76				
37					77				
38					78				
39					79				
40					80				

STATEMENT OF BASIS

Permit Reference Documents

These documents were relied upon in the preparation of the operating permit. Because they are not incorporated by reference, they are not an official part of the operating permit.

1) Part 70 Operating Permit Application, dated May 13, 1997; revised May 31, 2000
2) 2002 through 2006 Emissions Inventory Questionnaires
3) U.S. EPA document AP-42, *Compilation of Air Pollutant Emission Factors*; Volume I, Stationary Point and Area Sources, Fifth Edition
4) Saint Louis County Air Pollution Control Program Construction Permit 1487 (Operating Permit 5524)
5) Saint Louis County Air Pollution Control Program Construction Permit 1567 (Operating Permit 5527)
6) Saint Louis County Air Pollution Control Program Construction Permit 1568 (Operating Permit 5528)
7) Saint Louis County Air Pollution Control Program Construction Permit 1569 (Operating Permit 5529)
8) Saint Louis County Air Pollution Control Program Construction Permit 1633 (Operating Permit 5592)
9) Saint Louis County Air Pollution Control Program Construction Permit 1813 (Operating Permit 5801)
10) Saint Louis County Air Pollution Control Program Construction Permit 3443
11) Saint Louis County Air Pollution Control Program Construction Permit 3671
12) Saint Louis County Air Pollution Control Program Construction Permit 1566 (Operating Permit #5526)
13) Saint Louis County Air Pollution Control Program Construction Permit 6370
14) Saint Louis County Air Pollution Control Program Construction Permit 6650
15) Saint Louis County Air Pollution Control Program Construction Permit 6651
16) Saint Louis County Air Pollution Control Program Construction Permit 6652
17) Chrysler North Plant Tank Summary provided by Terry Tecklenburg June 6, 2008

Chrysler North Plant Tank Summary*

Tank ID	Capacity (gal)	Construction	Contents
2	5,500	Single wall fiberglass	E-Coat Pigment
3	12,000	Single wall fiberglass	E-Coat Resin
5	6,482	Single wall fiberglass	ChemKleen 370
6	6,482	Single wall fiberglass	Chemfos 700R
14	250	Single wall steel	Diesel Fuel
15	250	Single wall steel	Diesel Fuel
	500	Single wall polyethylene	Optisperse ADJ560
	1,000	Single wall steel	Steamate NA 700
	1,500	Single wall polyethylene	Cortrol IS-105
	1,500	Single wall polyethylene	Optisperse PQ 331
	1,500	Single wall polyethylene	Continuum AT211
	1,500	Single wall polyethylene	Corrshield MD409
	500	Single wall polyethylene	Spectrus NX108
	500	Single wall polyethylene	Spectrus NX106
	230	Single wall steel	Diesel Fuel
	6,337	Single wall steel	Refrigerant R-134A
29	10,000	Single wall steel	Used Oil
17	230	Single wall steel	No. 2 Fuel Oil
19	800	Single wall steel	Polymer
20	800	Single wall steel	Polymer
21	250	Single wall steel	Antifoam
24	10,000	Single wall steel	Sodium Hydroxide
26	3,100	Single wall steel	Sulfuric Acid

*Above information represents contents at time of permit issuance. Contents in tanks are subject to change.

Applicable Requirements Included in the Operating Permit but Not in the Application
In the operating permit application, the installation indicated they were not subject to the following regulation(s). However, in the review of the application, the agency has determined that the installation is subject to the following regulation(s) for the reasons stated.

10 CSR 10-5.040, *Use of Fuel in Hand-Fired Equipment Prohibited*
All facilities in the non-attainment area are subject to this rule. This rule applies as indicated in Section IV, Core Permit Requirements.

10 CSR 10-5.250, *Time Schedule for Compliance*
This requirement is applicable; however, it is administrative and therefore not listed in the facility wide requirements.

Other Air Regulations Determined Not to Apply to the Operating Permit
The Air Pollution Control Program has determined the following requirements to not be applicable to this installation at this time for the reasons stated.

10 CSR 10-5.030, *Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating*

This rule restricts the emission of particulate matter from fuel burning equipment used for indirect heating except where 10 CSR 10-6.070 would be applied. Boiler 4 is subject to NSPS Subpart Dc, therefore, it is exempt from this regulation.

10 CSR 10-5.120, *Information on Sales of Fuels to be Provided and Maintained*

This rule is not applicable because the facility does not use coal or residual fuels for heating.

10 CSR 10-5.130, *Certain Coals to be Washed*

This rule is not applicable because the facility does not use coal.

10 CSR 10-5.290, *More Restrictive Emission Limitation for Particulate Matter in the South Saint Louis Area*

This rule is not applicable because this plant is not located within the geographic boundaries established by this rule.

10 CSR 10-5.330, *Control of Emissions From Industrial Surface Coating Operations*

This rule is not applicable to INSIG-01, Maintenance Painting/Maintenance Paint Booth because maintenance painting is not considered an industrial surface coating operation.

10 CSR 10-5.370, *Control of Emissions From the Application of Deadeners and Adhesives*

This rule is not applicable to the SLNAP because no deadeners are used here and because the adhesives that are used are not vinyl top adhesives, which are the only type of adhesives with an applicable emission limit.

10 CSR 10-5.500, *Control of Emissions from Volatile Organic Liquid Storage*

This rule does not apply to the SLNAP because the facility does not contain any stationary tank, reservoir or other container of 40,000 gallon capacity or greater that contains a volatile organic liquid (VOL) with a maximum true vapor pressure of 0.5 psia or greater.

10 CSR 10-5.510, *Control of Emissions of Nitrogen Oxides*

The boilers and natural gas heaters were exempt from this rule at the time of permit issuance in accordance with Section (1)(C)9 because none of them have individually exceeded thirty tons of NO_x emissions since the rule was promulgated in 2000. If any of the emission units exceed this threshold at any time, they will become subject to this rule. The regenerative thermal oxidizers are exempt from this rule is accordance with Section (1)(C)7.

10 CSR 10-5.520, *Control of Volatile Organic Compound Emissions from Existing Major Sources*

According to Section (1)(A) through (C), this rule does not apply to any installation that meets one the following:

1. One or more rules under Division 10, Chapter 5 of the Code of State Regulations (CSR) applies to VOC emissions from a product process, or a raw material, intermediate or product tank;
2. Is exempted from one or more rules under Division 10, Chapter 5 of the CSR as they apply to VOC emissions from a product process, or a raw material, intermediate or product tank;

3. Is affected by any federal rulemaking promulgated under 40 CFR Part 60, 40 CFR Part 61, or 40 CFR Part 63 that applies to VOC emissions from a product process, or a raw material, intermediate or product tank;

This rule does not apply to Chrysler North Plant because the installation meets the above criteria.

10 CSR 10-6.260, *Restriction of Emission of Sulfur Compounds*

This rule does not apply to Boiler 4, due to exemption for sources subject to an emission limit under 10 CSR 10-6.070 found in 10 CSR 10-6.260 (1)(A)(1).
This rule does not apply to EP-021, EU-N040, or EU-N280 due to the exemption for equipment that uses exclusively pipeline grade natural gas in Section (1)(A)2 of the rule.

10 CSR 10-6.400, *Control of Emissions of Particular Matter from Industrial Processes*

This rule does not apply to EU-N010 and EU-N020, Uniprime coat and the natural gas bake oven because it is a dip operation and the oven is indirectly fired. According to 6.400(2)(A), Process weight is defined as "the total weight of all materials, including solid fuels, introduced into an emission unit, which may cause any emission of particulate matter." A dip operation does not have the potential to cause any emission of particulate matter.

This rule does not apply to INSIG-01, Maintenance Paint Booth due to the exemption found in 10 CSR 10-6.400(B)8 for emission sources that are exempt from construction permitting under 10 CSR 10-6.061. Maintenance painting is an exempt activity per 10 CSR 10-6.061(3)(B)5.

This rule does not apply to EU-N040, Anti-Chip Coating Booth due to the exemption found in 10 CSR 10-6.400(B)8 for emission sources that are exempt from construction permitting under 10 CSR 10-6.061. Surface coating operations utilizing powder coating materials with the powder applied by an electrostatic powder spray gun or an electrostatic fluidized bed is an exempt activity per 10 CSR 10-6.061(3)(A)V.(IV).

According to the "Purpose" section of this rule, this regulation restricts the emission of particulate matter in the source gas of an operation or activity except where 10 CSR 10-5.030 and/or 10 CSR 10-6.070 would be applied. EU-N010-N020, N060-N090, and N250-270 are subject to the requirements of 10 CSR 10-6.070 (NSPS) and are therefore exempt from this regulation.

EU-N160 Spot Repair Booth (6651) and the Anti-Chip Sanding Booth (unpermitted) are closed systems that do not exhaust to the atmosphere; therefore, this rule does not apply. The Anti-Chip Sanding Booth uses 100 percent recycled air.

Construction Permit Revisions

The following revisions were made to construction permits for this installation:

EU-N310 Sanding Booths (Construction Permits 5527 and 5529) were modified to correct the flow rates on these permits. Flow rates have changed since the issuance of these permits due to a complex-wide decrease in airflow to conserve energy.

EU-N150 Vehicle Fill Stations and Underground Tanks was modified to remove the underground tanks and the auxiliary fueling station (Operating Permits 10109, 10110, 10111, and 20571) from the SLSAP and move them to the SLNAP. Chrysler requested this change in organization because the SLSAP will be idle starting October 31, 2008.

NSPS Applicability

40 CFR Part 60 Subpart Dc, *Standard of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*

The provisions of this subpart apply to EU-N230 (6312). EU-N200 (3443) is not subject to this rule because the boilers were constructed prior to June 9, 1989. The modification in 1996 did not result in an increase in the amount of any air pollutant emitted into the atmosphere to which a standard applies, nor did it result in emissions of any air pollutant not previously emitted to which a standard applies.

40 CFR Part 60, Subpart K, Ka, Kb *Standards of Performance for Storage Vessels for Petroleum Liquids*

There are no storage vessels located at this facility that meet the construction date, volume and/or content criteria of the above rules.

40 CFR Part 60 Subpart MM, *Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations*

The provisions of this rule apply to each prime coat operation, guide coat operation and topcoat operation as described in the permit.

EU-N010 & EU-N020, Uniprime E-Coat Operation, is subject to this rule, however, the 1993 LAER agreement establishes a more stringent VOC emission limitation of 1.34 pounds per gallon of applied solids coatings. Permit Condition EU-N010 & EU-N020-002 applies the emission limit of 1.34 pounds per gallon of applied solids instead of the 1.42 pounds per gallon of applied solids coatings established in Subpart MM since there is no difference in the monitoring, reporting and record keeping requirements.

MACT Applicability

40 CFR Part 63 Subpart Q, *Industrial Process Cooling Towers*

This rule does not apply to the cooling towers listed as insignificant activities in the Part 70 permit application since the cooling towers do not use chromium-based water treatment chemicals.

40 CFR Part 63 Subpart T, *Halogenated Solvent Cleaning*

This rule does not apply to the solvent cleaning since the solvent cleaning emission units do not use halogenated solvent as defined in 40 CFR 63.460.

40 CFR Part 63 Subpart EEEE, *Organic Liquids Distribution*

This rule applies to Chrysler North. However, they are exempt from control requirements due to the vapor pressure of the tank contents (<4 psia). If the vapor pressure ever exceeds this threshold, the tank must be controlled. Only an initial notification and initial compliance report are required if there are no changes. These reports were submitted on April 14, 2008 and July 2, 2008.

40 CFR Part 63 Subpart IIII, *Automobile and Light Duty Truck Surface Coating*
This rule applies to the installation as indicated in the permit. The Initial Notification was received on May 13, 2002. An amended notification was received on February 12, 2007, which included an election under 63.3082(c) for adding to the affected source, those surface coating operations for heavier motor vehicles that would otherwise be subject to 40 CFR Part 63, Subpart MMMM.

40 CFR Part 63 Subpart MMMM, *Surface Coating of Miscellaneous Metal Parts and Products*
This rule does not apply to the facility due to 63.3881(c)(17)(d). Chrysler North complies with MACT Subpart IIII in lieu of this rule.

40 CFR Part 63 Subpart PPPP, P*lastic Parts and Products*
This rule does not apply due to 63.4481(c)(16)(d). Chrysler North complies with MACT Subpart IIII in lieu of this rule.

40 CFR Part 63, Subpart DDDDD**,** *National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters*
On July 30, 2007, the United States Court of Appeals, District of Columbia Circuit ordered a full vacatur of the Boiler MACT rule. The vacatur has the same effect as if a federal Boiler MACT rule was never promulgated. This means there is no longer a September 13, 2007 compliance date for sources affected by this HAPs source category. We are awaiting written guidance from EPA on how to handle sources formerly subject to the Boiler MACT; this may trigger the 112(j) provisions at some future date. EU-N200 and EU-N230, the external combustion boilers would have been subject to this MACT, however, there would have been no requirements other than initial notification because this unit is an existing gas/oil-fired unit according to §63.7506 (b)(1) and (2).

40 CFR Part 63 Subpart GGGGG, *Site Remediation*, does not apply to the installation.

NESHAP Applicability

40 CFR Part 61, Subpart M, *National Emission Standard for Asbestos*
This rule applies to the installation because of the renovation and demolition sections of the subpart, which makes the subpart applicable to all sources. It is included as a core permit requirement.

Calculations

10 CSR 10-5.030, *Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating*
EU-N200 External Combustion Boilers 1 - 3

The emission limit for these units was established in construction permit 3443 and was determined using the following equation for existing indirect heating sources:

$$E = 1.09 (Q)^{-.259}$$

Where:
E = the maximum allowable particulate emission rate (lb/MMBTU)
Q= the installation heat input in MMBTU/ per hour

10 CSR 10-6.400, *Restriction of Emission of Particulate Matter from Industrial Processes*

Chrysler North has chosen to comply with paragraph (3)(A)2 of this rule, which establishes particulate matter concentration limits based upon source gas volume (Table 1), rather than the Process Weight Rate equations in paragraph (3)(A)1.

Chrysler North PM Emissions

Emission Point	MHDR PM10 Emissions (lbs) (before control)	Emission Factor (#PM/hr per station)	Stations	Vacuum Emissions	Booth Emissions	Fugitive Emissions	MHDR PM10 Emissions (lbs) (after control)	Grains/Lb	Min/Hr	Flow (Cubic Ft/Min)	Concentration Grains/Cubic Ft	Concentration Limit in Table 1 (Grains/Cubic Ft)
Tu-tone Sanding Booth	0.576	0.096	6	0.005184	0.03629	0.00576	0.047232	7,000	60	48,110	0.00011	0.053
E-Coat (Uniprime) Sanding Booth	0.192	0.096	2	0.001728	0.01210	0.00192	0.015744	7,000	60	4,800	0.00038	0.100
Spot Repair (Reprocess) Sanding Booth	0.384	0.096	4	0.003456	0.02419	0.00384	0.031488	7,000	60	13,971	0.00026	0.071

The emission rate is less than the allowable rate in Table 1, taking into account the control provided by the dry filtration system and vacuum systems. Based upon the above, all of the emission units subject to 6.400 meet the specified allowable concentration at normal levels of production.

Other Regulatory Determinations
The 1993 LAER agreement established VOC limits of 1,700 tons annually and 13,645 pounds daily. These limits are no longer in effect, as they were superceded by the 1999 LAER agreement.

10 CSR 10-5.455, *Control of Emission from Solvent Cleanup Operations*
This regulation required the facility to demonstrate a thirty percent reduction in plant-wide industrial VOC cleaning solvent emissions as described in Section (4) of this rule by May 31, 1996. Chrysler North demonstrated compliance with this regulation in 1996 as required by making changes to their solvent cleanup operations, such as switching to lower VOC solvents and implementing the use of solvent rags. Since the requirement was satisfied, and compliance has continued to be demonstrated for over twelve years, the regulation has not been included in the operating permit. Monthly VOC reports and Emission Inventory Questionnaires will be sufficient to demonstrate on-going compliance.

Other Regulations Not Cited in the Operating Permit or the Above Statement of Basis
Any regulation which is not specifically listed in either the Operating Permit or in the above Statement of Basis does not appear, based on this review, to be an applicable requirement for this installation for one (1) or more of the following reasons:
1. The specific pollutant regulated by that rule is not emitted by the installation;
2. The installation is not in the source category regulated by that rule;
3. The installation is not in the county or specific area that is regulated under the authority of that rule;
4. The installation does not contain the type of emission unit which is regulated by that rule;
5. The rule is only for administrative purposes.

Should a later determination conclude that the installation is subject to one (1) or more of the regulations cited in this Statement of Basis or other regulations which were not cited, the installation shall determine and demonstrate, to the Air Pollution Control Program 's satisfaction, the installation's compliance with that regulation(s). If the installation is not in compliance with a regulation that was not previously cited, the installation shall submit to the Air Pollution Control Program a schedule for achieving compliance for that regulation(s).

Drafted by Jennifer Phillips, Air Emission Specialist
St. Louis County Air Pollution Control Program

Reviewed by:

_____

Jason Dickneite
Environmental Engineer