State of Ohio Environmental Protection Agency

Street Address:
Lazarus Gov. Center
50 West Town Street, Suite 700
Columbus, OH 43215

TELE: (614) 644-3020 **FAX:** (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

CERTIFIED MAIL

RE: FINAL PERMIT TO INSTALL MODIFICATION
LUCAS COUNTY
Application No: 04-01359
Fac ID: 0448010414

	TOXIC REVIEW
	PSD
	SYNTHETIC MINOR
	CEMS
	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

DATE: 5/3/2007

DaimlerChrysler Corp
Patricia Strabbing
1000 Jeep Pkwy
Auburn Hills, MI 43608

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: **USEPA** **TDES**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 04-01359

Application Number: 04-01359

Facility ID: 0448010414

Permit Fee: **$2300**

Name of Facility: DaimlerChrysler Corp

Person to Contact: Patricia Strabbing
Address: 1000 Jeep Pkwy
Auburn Hills, MI 43608

Location of proposed air contaminant source(s) [emissions unit(s)]:
4400 Chrysler Dr
Toledo, **Ohio**

Description of proposed emissions unit(s):
Removal of 2 hot water generators not planned to be installed and removal of MACT DDDDD terms. There is also removal of 2 units, K404 K405 to clarify the actual location of the emissions units.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Part I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Permit-To-Install General Terms and Conditions

1. Monitoring and Related Recordkeeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.

ii. The date(s) analyses were performed.

iii. The company or entity that performed the analyses.

iv. The analytical techniques or methods used.

v. The results of such analyses.

vi. The operating conditions existing at the time of sampling or measurement.

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written

reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See B.9 below if no deviations occurred during the quarter.

iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

iv. If this permit is for an emissions unit located at a Title V facility, then each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

d. The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06**.**

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit-To-Operate Application

a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this permit is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

11. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

12. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

13. Permit-To-Install

A permit-to-install must be obtained pursuant to OAC Chapter 3745-31 prior to "installation" of "any air contaminant source" as defined in OAC rule 3745-31-01, or "modification", as defined in OAC rule 3745-31-01, of any emissions unit included in this permit.

B. State Only Enforceable Permit-To-Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

4. Authorization To Install or Modify

If applicable, authorization to install or modify any new or existing emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

5. Construction of New Sources(s)

This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

6. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

7. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

8. Construction Compliance Certification

If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) that the facility has been constructed in accordance with the permit-to-install application and the terms and conditions of the permit-to-install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

9. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly (i.e., postmarked), by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

C. Permit-To-Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons Per Year
CO	11.56
NOx	12.44
PE	42.02
PM10	6.91
SO2	9.01
VOC	57.04

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions

None

B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
B402 - up to 45 natural gas air supply make up units <10 mmBtu/hr each, totaling no more than 95 mmBtu/hr, with low NOx burners	OAC rule 3745-31-05(A)(3)	0.083 pound of carbon monoxide (CO) per mmBtu, 7.9 pounds CO per hour, 10.93 tons of CO per year, 8.1 pounds of nitrogen oxides (NOx) per hour, 11.18 tons of NOx per year, 0.19 pound of PE per hour, 0.25 ton PE per year, 0.72 pound of PM10 per hour, 0.99 ton PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu, 0.06 pound of SO2 per hour, 0.08 ton of SO2 per year, 0.52 pound of volatile organic compounds (VOC) per hour, 0.71 ton of VOC per year, and see section A.I.2.a, b and c.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.d.
	OAC rule 3745-17-10(B)(1)	See section A.I.2.d.
	OAC rule 3745-18-06(D)	See section A.I.2.e.
	OAC rule 3745-21-07(B)	See section A.I.2.f.
	OAC rule 3745-21-08(B)	See section A.I.2.g.
	OAC rule 3745-23-06(B)	See section A.I.2.h.

OAC rule 3745-31-05(C)	See section A.I.2.i.
OAC rule 3745-31-10 thru 20	0.085 pound nitrogen oxides (NOx) per mmBtu, 0.0019 pound of particulate emissions (PE) per mmBtu, 0.0075 pound of particulate emissions as PM10 per mmBtu, and see section A.I.2.j.
OAC rule 3745-31-21 thru 27	0.085 pound nitrogen oxides (NOx) per mmBtu, 0.0054 pound volatile organic compounds (VOC) per mmBtu, and see section A.I.2.k and l.

2. Additional Terms and Conditions

2.a Visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average.

2.b The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C), OAC rules 3745-31-10 thru 27.

2.c The annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

2.d The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(C).

2.e When firing natural gas only: OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment when this emissions unit employs only natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule 3745-18-06(A).

2.f The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) by committing to comply

with the best available technology requirements established pursuant to OAC rule 3745-31-10 thru 20.

2.g The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(C).

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.h The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-10 thru 20.

2.i The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 11.56 tons of CO per rolling, 12-month period, and
ii. 9.01 tons of SO2 per rolling, 12-month period.

2.j The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 12.44 tons of NOx per rolling, 12-month period,
ii. 0.52 ton of PE per rolling, 12-month period, and
iii. 1.41 tons of PM10 per rolling, 12-month period.

2.k The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 12.44 tons of NOx per rolling, 12-month period, and
ii. 0.74 ton of VOC per rolling, 12-month period.

2.l DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

II. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

2. Within 12 months of issuance of this permit to install, but at least 60 days prior to the start-up of any equipment included in this emissions unit, the permittee shall submit an updated permit to install application for this emissions unit which includes a description of each combustion source to be installed. The installation of these sources will not require a permit modification provided that the new sources comply with the emission limitations specified in Section A.I.1 of this permit, however a modification to the permit to install may be required prior to the issuance of a permit to operate an air pollution source for this emissions unit.

3. The maximum annual natural gas usage for B402 and K402 through K405 shall not exceed 258 mmscf of natural gas, based upon a rolling, 12 month summation of the natural gas usage figures.

   To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the fuel usage levels specified in the following table:

Month	Maximum Cumulative Monthly Fuel Usage (mmscft)
1	118
2	236
3	258
4	258
5	258
6	258
7	258
8	258
9	258
10	258
11	258
12	258

   After the first 12 calendar months of operation, compliance with the annual fuel usage shall be based upon a rolling, 12-month summation of the monthly fuel usage.

III. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

2. The permittee shall properly install, operate, and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the final assembly facility. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

3. The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B402 and K402 through K405.

4. The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405 These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for B402 and K402 through K405 in A.I. of this permit by the total quantity of natural gas (in cubic feet per month) burned in B402 and K402 through K405.

5. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of natural gas (in cubic feet) burned in B402 and K402 through K405. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B402 and K402 through K405. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B402 and K402 through K405 as recorded in paragraph (4) above.

6. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405. Beginning after the first 12 months of operation following issuance of this permit, the permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B402 and K402 through K405 as recorded in paragraph (5) above.

7. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of natural gas (in cubic feet) and fuel oil (in gallons) burned in B402 and K402 through K405. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B402 and K402 through K405.

8. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in , B402 and K402 through K405 in tons. Beginning after the first 12 months of operation following issuance of this permit, the permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in B402 and K402 through K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as

a summation of the combustion emissions from B402 and K402 through K405 as recorded Section A.III. of each permit.

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

2. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of natural gas burned in B402 and K402 through K405 exceeded the operational restrictions specified in section A.II., and the actual cumulative quantity of fuel burned for each such month.

3. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of CO, NOx, PE, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in B402 and K402 through K405 exceeded the emissions limitations specified in section A.I., and the actual cumulative quantity of CO, NOx, PE, PM10, SO2 and VOC for each such month.

4. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

5. Prior to the installation of the combustion sources comprising this emissions unit, the permittee shall submit to the Toledo Division of Environmental Services a report listing each combustion source to be installed under this emissions unit. The report shall state the company identification/equipment number, and provide the description of the equipment, including the mmBtu/hr size rating. A permit modification and/or an updated permit application may be required for sources not in compliance with the permit and for source changes.

V. Testing Requirements

1. Compliance with the emission limitations in sections A.I.1 and A.I.2 of these terms and conditions shall be determined in accordance with the following methods:

   a. Emission Limitation:

      visible particulate emissions from any stack shall not exceed 5% opacity as a 6-minute average

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

c. Emission Limitation:

7.9 pounds of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (95 mmBtu/hr). Therefore, if compliance is shown with the allowable limitation, compliance shall also be shown with the annual emission limitation.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

d. Emission Limitation:

10.93 tons of CO per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This calculation will be based upon the maximum allowable rolling, 12-month fuel usage rates for natural gas and fuel oil. Multiply the allowable emission limitation for natural gas (0.083 pound of CO per mmBtu) by the maximum rate of natural gas usage (258 mmscf per year) and 1020 mmBtu per mmscf, and then divide by 2000 pounds per ton.

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 95 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

f. Emission Limitation:

8.1 pounds of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (95 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

g. Emission Limitation:

11.18 tons of NOx per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This calculation will be based upon the maximum allowable rolling, 12-month fuel usage rates for natural gas and fuel oil. Multiply the allowable emission limitation for natural gas (0.085 pound of NOx per mmBtu) by the maximum rate of natural gas usage (258 mmscf per year) and 1020 mmBtu per mmscf, and then divide by 2000 pounds per ton.

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air

Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

i. Emission Limitation:

0.19 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (95 mmBtu/hr). Therefore, if compliance is shown with the allowable limitation, compliance shall also be shown with the annual emission limitation.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

j. Emission Limitation:

0.25 ton of PE per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This calculation will be based upon the maximum allowable rolling, 12-month fuel usage rates for natural gas and fuel oil. Multiply the allowable emission limitation for natural gas (0.0019 pound of PE per mmBtu) by the maximum rate of natural gas usage (258 mmscf per year) and 1020 mmBtu per mmscf, and then divide by 2000 pounds per ton.

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission

factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

l. Emission Limitation:

0.72 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (95 mmBtu/hr). Therefore, if compliance is shown with the allowable limitation, compliance shall also be shown with the annual emission limitation.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

m. Emission Limitation:

0.99 ton of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This calculation will be based upon the maximum allowable rolling, 12-month fuel usage rates for natural gas and fuel oil. Multiply the allowable emission limitation for natural gas (0.0075 pound of PM10 per mmBtu) by the maximum rate of natural gas usage (258 mmscf per year) and 1020 mmBtu per mmscf, and then divide by 2000 pounds per ton.

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission

factor of 0.6 pounds of SO2 emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

o. Emission Limitation:

0.06 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (95 mmBtu/hr). Therefore, if compliance is shown with the allowable limitation, compliance shall also be shown with the annual emission limitation.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

p. Emission Limitation:

0.08 ton of SO2 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This calculation will be based upon the maximum allowable rolling, 12-month fuel usage rates for natural gas and fuel oil. Multiply the allowable emission limitation for natural gas (0.0006 pound of SO2 per mmBtu) by the maximum rate of natural gas usage (258 mmscf per year) and 1020 mmBtu per mmscf, and then divide by 2000 pounds per ton.

q. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission

factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

r. Emission Limitation:

0.52 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (95 mmBtu/hr). Therefore, if compliance is shown with the allowable limitation, compliance shall also be shown with the annual emission limitation.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

s. Emission Limitation:

0.71 ton of VOC per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation of the annual potential to emit, based upon the worst case operating scenario. This calculation will be based upon the maximum allowable rolling, 12-month fuel usage rates for natural gas and fuel oil. Multiply the allowable emission limitation for natural gas (0.0054 pound of VOC per mmBtu) by the maximum rate of natural gas usage (258 mmscf per year) and 1020 mmBtu per mmscf, and then divide by 2000 pounds per ton.

t. Emission Limitation:

The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

11.56 tons of CO as a rolling, 12-month summation;
12.44 tons of NOx as a rolling, 12-month summation;
0.52 ton of PE as a rolling, 12-month summation;

1.41 tons of PM10 as a rolling, 12-month summation;
9.01 tons of SO2 as a rolling, 12 month summation; and
0.74 ton of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III. and the emissions factors demonstrated in Section V of the permit for B402 and K402 through K405 which combusts no. 2 fuel oil or natural gas.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
B402 - up to 45 natural gas air supply make up units totaling no more than 95 mmBtu/hr, with low NOx burners		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F401 - paved roadways and parking areas	OAC rule 3745-31-05(A)(3)	no visible particulate emissions except for one minute during any 60-minute period, and see section A.I.2.a and b.
	OAC rules 3745-31-10 thru 20	14 tons or particulate emissions (PE) per year from paved roadways and parking areas, 2.8 tons of PM10 per year from paved roadways and parking areas, and see best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.c. through A.2.h.).
	OAC rule 3745-17-08(B), (B)(4)	See section A.I.2.i.
	OAC rule 3745-17-08(B), (B)(8), and (B)(9)	See section A.I.2.i.

2. Additional Terms and Conditions

2.a All paved roadways and parking areas located at the DaimlerChrysler Suppliers Park assembly facility are covered by this permit and subject to the above-mentioned requirements.

2.b The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-10 thru 20.

2.c The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned

applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas by flushing with water, sweeping, and/or watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.d The permittee shall employ best available control measures on the unpaved shoulders of all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall treat the unpaved shoulders of all paved roadways with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.e The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

2.f The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

2.g Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

2.h Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available control technology requirements of OAC rules 3745-31-10 thru 20.

2.i The emission limitation and control requirements specified by this rule are less stringent than the emission limitation and control requirements established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the paved roadways and parking areas in accordance with the following frequencies:

paved roadways	minimum inspection frequency
all	once per week

paved parking areas	minimum inspection frequency
all	once per week

2. The purpose of the inspections is to determine the need for implementing the control measures specified in section A.I.2. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

3. After the permittee has performed weekly inspections of the paved roadways and parking areas for one calendar quarter and no visible emissions of fugitive dust have been observed, the permittee may begin inspections of the paved roadways and parking areas once per month. If visible emissions of fugitive dust are observed during subsequent monthly inspections, the permittee shall return to an inspection frequency of once per week until no visible particulate emissions of fugitive dust are observed for another calendar quarter. All inspections shall be performed during representative, normal traffic conditions.

4. The permittee shall maintain records of the following information:

   a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

   b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

   c. the dates the control measures were implemented; and

   d. on a calendar quarter basis, the total number of periods the control measures were implemented and the total number of periods where snow and/or ice cover or precipitation were sufficient to not require the control measures.

   The information required in 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

IV. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:

   a. each period during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

   b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

2. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation for the paved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03. Alternate USEPA approved test methods may be used with prior written approval.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F401 - paved roadways and parking areas		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
G401 - gasoline dispensing facility using on-board refueling vapor recovery (ORVR) for control	OAC rule 3745-31-05(A)(3)	See section A.I.2.a.
	OAC rule 3745-21-09(R)	See section A.I.2.b.
	OAC rule 3745-31-21 thru 27	3.1 tons per year VOC as a rolling, 12-month summation, and see section A.I.2.b, c and d.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(R) and OAC rule 3745-31-21 thru 27.

2.b The permittee shall not cause, allow or permit the transfer of gasoline in this emissions unit unless the following Stage I requirements are met:

i. Any stationary storage tank which stores gasoline at the gasoline dispensing facility is equipped with a submerged fill pipe; and

ii. For any transfer of gasoline from a deliver vessel to a stationary storage tank located at the gasoline dispensing facility, the vapors displaced from the stationary storage tank are processed by one of the following systems:

(a) a vapor balance system which is designed and operated to route at least 90 percent by weight of the VOC in the displaced vapors to the deliver vessel and which is equipped with a means to prevent the discharge of displaced vapors from an unconnected vapor line; or

(b) a vapor control system which is designed and operated to recover at least 90 percent by weight of the VOC in the displaced vapors.

2.c The permittee shall equip every vehicle fueled in this emissions unit with an On-Board Refueling Vapor Recovery (ORVR) system with a minimum 96% by weight capture and control efficiency.

2.d DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

II. Operational Restrictions

1. The maximum annual gasoline throughput for this emissions unit shall not exceed 2,500,000 gallons, based upon a rolling, 12 month summation of the fuel throughput figures.

   To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the gasoline usage levels specified in the following table:

Month	Maximum Cumulative Monthly Gasoline Usage (gallons)
1	200,000
2	400,000
3	600,000
4	800,000
5	1,000,000
6	1,200,000
7	1,400,000
8	1,600,000
9	1,800,000
10	2,000,000
11	2,200,000
12	2,500,000

   After the first 12 calendar months of operation, compliance with the annual gasoline usage shall be based upon a rolling, 12-month summation of the monthly gasoline usage.

2. The permittee shall comply with the following operational restrictions for the Stage I vapor control system:

   a. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline.

   b. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.

c. There shall be no leaks in the vapor lines or liquid lines during the transfer of gasoline.

d. The transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank.

e. All fill caps shall be "in place" and clamped during normal storage conditions.

f. The permittee shall repair within 15 days any leak from the vapor balance system or vapor control system which is employed to meet the requirements of paragraph (R)(1) of OAC rule 3745-21-09 when such leak is equal to or greater than 100 percent of the lower explosive limit as propane, as determined under paragraph (K) of OAC rule 3745-21-10.

3. For any vehicle fueled in this emissions unit, an On-Board Refueling Vapor Recovery (ORVR) system shall be used to capture and control gasoline vapors that are emitted during the vehicle fueling process.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the total quantity of gasoline used to fuel vehicles in this emissions unit. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

2. The permittee shall maintain monthly records of the total quantity of gasoline (in gallons) used to fuel vehicles in this emissions unit.

3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative total quantity of gasoline (in gallons) used to fuel vehicles in this emissions unit. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of gasoline used to fuel vehicles in this emissions unit. These quantities shall be calculated as a summation of the total quantity of gasoline used to fuel vehicles as recorded in paragraph (2) above.

4. The permittee shall maintain records that document any time periods when the Stage I vapor balance system was not in service during the transfer of gasoline into the storage tank(s).

5. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information for the Stage I vapor recovery system:

a. Date of inspection.

b. Findings (may indicate no leaks discovered or location, nature, and severity of each leak).

c. Leak determination method.

d. Corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days).

e. Inspector's name and signature.

6. The permittee shall maintain records that document any time periods when a vehicle without ORVR was fueled at this emissions unit.

IV. Reporting Requirements

1. The permittee shall notify the Toledo Division of Environmental Services in writing of any record that indicates the Stage I vapor balance system was not in operation during the transfer of gasoline.

2. Any leak from the Stage I vapor balance system or vapor control system that is not repaired within 15 days after identification shall be reported to the Toledo Division of Environmental Services.

3. The permittee shall notify the Toledo Division of Environmental Services in writing of any record that indicates a vehicle without ORVR was fueled at this emissions unit.

4. The permittee shall submit quarterly deviation (excursion) reports that identify all records showing that the annual gasoline throughput for this emissions unit exceeds the applicable limitation. The notification shall include a copy of such record.

5. These reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

a. Emission Limitation:

a minimum 96% by weight capture and control efficiency

Applicable Compliance Method:

Compliance with the overall control efficiency requirement shall be demonstrated through the certification of the ORVR system in accordance with Title II of the Clean Air Act, Section 202, Paragraph 6.

b. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation:

3.1 tons of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated by multiplying the rolling, 12-month summation of gasoline throughput recorded in section A.III. of this permit by an emission factor of 2.44 pounds of VOC per 1000 gallons of gasoline, and then dividing by 2,000 pounds per ton.

This emission factor is based on the following:

0.3 pounds per 1000 gallons for balanced underground submerged filling,
1.0 pounds per 1000 gallons for underground storage tank breathing and emptying,
0.7 pounds per 1000 gallons for spillage, and
11.0 pounds per 1000 gallons for uncontrolled vehicle refueling operations which is reduced to 0.44 pounds per 1000 gallons with a 96% effective control.

These emission factors are specified in the USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 5.2, Table 5.2-7 (dated 1/95).

The permittee may elect to establish a site specific emission factor based on EPA approved test procedures.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
G401 - gasoline dispensing facility using on-board refueling vapor recovery (ORVR) for control		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K401 - automotive off-line repair in open areas with light sanding, brush-on coating and portable electric infrared curing, with dry filtration	OAC rule 3745-31-05(A)(3)	1.6 pounds of PM10 per hour, 1.85 tons of PM10 per year, 12 pounds of volatile organic compounds (VOC) per hour, 14.0 tons of VOC per year, 5% opacity as a 6-minute average, and see section A.I.2.a and b.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.c.
	OAC rule 3745-17-07(B)(1)	See section A.I.2.c.
	OAC rule 3745-17-08(B), (B)(3)	See section A.I.2.c.
	OAC rule 3745-17-11(B)(1)	See section A.I.2.d. See section A.I.2.e.
	OAC rule 3745-21-09(C)(1)(d) OAC rules 3745-31-10 thru 20	98% control of particulate emissions, 2.4 tons of particulate emissions (PE) per rolling, 12-month period, and see section A.I.2.d. f and g.
	OAC rules 3745-31-21 thru 27	See sections A.I.2.e, g, h and i.
	40 CFR Part 63 Subpart A	See section A.I.2.j.
	40 CFR Part 63 Subpart IIII	See section A.I.2.k.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(d), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

2.b No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

2.c The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.d The emissions of particulate from this emissions unit shall not exceed 0.551pound of PE per hour.

2.e 4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents.

2.f The combined emission from the sanding and coating in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

2.g The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of permit to install 04-01358.

2.h The combined emission from the coating operations in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

2.i DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.j 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.k The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit.

II. Operational Restrictions

1. All of the operations comprising this emissions unit that generate particulate emissions shall be enclosed and all particulate emissions shall be exhausted through a dry filtration system.

2. The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. When using complying coatings for K401 thru K407, the permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied; and

   b. the VOC content of each coating (excluding water and exempt solvents), as applied.

   Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

2. When calculating a daily volume-weighted average VOC content for the K401, the permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and

   c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

   The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information on a monthly basis for each coating employed in K401 thru K407:

   a. the company identification of each coating employed;

   b. the number of gallons, minus water, of each coating employed;

   c. the VOC content, in pounds of VOC/gallon, excluding water of each coating employed; and

d. the total VOC emission rate from all of the coatings employed (c)x(d), in tons per month.

4. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). These quantities shall be calculated as a summation of the monthly total VOC emissions recorded in each permit.

5. The permittee shall maintain daily records that document any periods when the dry filtration system was not in service when this emissions unit was in operation.

IV. Reporting Requirements

1. When compliance is being demonstrated through the use of compliance coatings, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

2. When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

3. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the VOC emissions exceed the applicable limitation for all coatings employed in all repair operations located at the final assembly facility (K401 thru K407) .

4. If any of the operations comprising this emissions unit generate particulate emissions, the permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service when the respective emissions source was in operation.

5. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Visible particulate emissions shall not exceed 5% opacity as a 6 minute average from any stack serving this emissions unit.

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

b. no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

c. Emission Limitation:

0.551 pound of PE per hour

Applicable Compliance Method:

To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

2.4 tons of PE per rolling 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.551 pound of PE per hour) by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

c. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

1.6 pounds of PM10 per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0185 pound PM10/job).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation:

1.85 tons of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

h. Emission Limitation:

4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule(s) 3745-21-09(B)(3)(f) and 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

i. Emission Limitation:

12 pounds VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.14 pound VOC/job).

j. Emission Limitation:

14 tons of VOC per year

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.14 pound VOC/job).

2. Compliance with the combined emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

a. Emission Limitation:

The combined emissions from sanding and coating in all repair operations located at this facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

b. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. This emissions limitation was based on a company supplied emissions factor of 0.165 pound of VOC per production job and a maximum production rate of 200,064 jobs per rolling, 12-month period made enforceable by the permit restrictions of emissions unit K303, Ohio EPA premise number 0448011731.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K401 - automotive off-line repair in open areas with light sanding, brush-on coating and portable electric infrared curing, with no controls		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K402 - automotive off-line repair booth with dry filtration (SPOVEN)	OAC rule 3745-31-05(A)(3)	1.6 pounds of PM10 per hour, 1.85 tons of PM10 per year, 12 pounds of volatile organic compounds (VOC) per hour, 14 tons of VOC per year, 5% opacity as a 6-minute average, and see sections A.I.2.a and b.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.c.
	OAC rule 3745-17-11(B)(1)	See section A.I.2.d.
	OAC rule 3745-21-09(C)(1)(d)	See section A.I.2.e.
	OAC rules 3745-31-10 thru 20	2.4 tons of PE per rolling 12-month period, 98% control of particulate emissions, and
	OAC rules 3745-31-21 thru 27	see sections A.I.2.d, f and g.
	40 CFR Part 63 Subpart A	See sections A.I.2.e, g, h and i.
	40 CFR Part 63 Subpart IIII	See section A.I.2.j.
		See section A.I.2.k.
indirect fired 5 mmBtu natural gas fired infrared oven, with low NOx burners	OAC rule 3745-31-05(A)(3)	0.083 pound of carbon monoxide (CO) per mmBtu, 0.42 pound of CO per hour, 1.9 tons of CO per year,

		0.43 pound of nitrogen oxides (NOx) per hour, 1.9 tons of NOx per year, 0.01 pound of PE per hour, 0.05 ton PE per year, 0.04 pound PM10 per hour, 0.17 ton PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu, 0.01 pound of SO2 per hour, 0.05 ton SO2 per year, 0.03 pound of volatile organic compounds (VOC) per hour, 0.12 ton VOC per year, and 5% opacity as a 6 minute average, and
	OAC rule 3745-17-07(A)(1)	see section A.I.2.l.
	OAC rule 3745-17-10(B)(1)	See section A.I.2.c.
	OAC rule 3745-18-06(A)	See section A.I.2.c.
	OAC rule 3745-21-07(B)	See section A.I.2.m.
	OAC rule 3745-21-08(B)	See section A.I.2.n.
	OAC rule 3745-23-06(B)	See section A.I.2.o.
	OAC rule 3745-31-05(C)	See section A.I.2.p.
	OAC rule 3745-31-10 thru 20	See section A.I.2.q.
	OAC rule 3745-31-21 thru 27	0.085 pound NOx per mmBtu, 0.0019 pound PE per mmBtu, 0.0075 pound PM10 per mmBtu, and see sections A.I.2.r.
	40 CFR Part 63 Subpart A	0.085 pound NOx per mmBtu, 0.0054 pound VOC per mmBtu, and see sections A.I.2.i and s.
		See section A.I.2.j.
	OAC rule 3745-31-05(A)(3)	
sanding station(s)		0.65 pound of PM10 per hour, 1.85 tons of PM10 per year,

OAC rule 3745-17-07(A)(1)	5% opacity as a 6 minute average, and see sections A.I.2.b and u.
OAC rule 3745-17-11(B)(1)	See section A.I.2.c.
OAC rule 3745-31-10 thru 20	See section A.I.2.d. 2.4 tons of PE per rolling 12-month period, and see sections A.I.2.d, f, g and v.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(d), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

2.b No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

2.c The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.d The emissions of particulate from the stack(s) associated with this emissions source shall not exceed 0.551 pound of PE per hour.

2.e 4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents.

2.f The combined emission from the sanding and coating in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

2.g The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of permit to install 04-01358.

2.h The combined emission from the coating operations in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

2.i DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.j 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.k The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit.

2.l The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C), OAC rules 3745-31-10 thru 27 and 40 CFR Part 63 Subpart DDDDD.

2.m OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment associated with this emissions unit because the emissions unit only employs natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas being burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule3745-18-06(A).

2.n The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

2.o The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by complying with all applicable rules.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.p The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

2.q The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 11.56 tons of CO per rolling, 12-month period, and
ii. 9.01 tons of SO2 per rolling, 12-month period.

2.r The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 12.44 tons of NOx per rolling, 12-month period,
ii. 0.52 ton of PE per rolling, 12-month period, and
iii. 1.41 tons of PM10 per rolling, 12-month period.

2.s The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 12.44 tons of NOx per rolling, 12-month period, and
ii. 0.74 ton of VOC per rolling, 12-month period.

2.t The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1) and OAC rules 3745-31-10 thru 20.

2.u The dry filtration system shall provide a control efficiency of no less than 98% by weight.

II. Operational Restrictions

1. All of the operations comprising this emissions unit shall be enclosed and all emissions shall be exhausted through a dry filtration system.

2. The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

3. The permittee shall burn only natural gas in this emissions unit.

4. The maximum annual natural gas usage for B402 and K402 through K405 shall not exceed 258 mmscf of natural gas, based upon a rolling, 12 month summation of the natural gas usage figures.

   To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the natural gas usage levels specified in the following table:

Month	Maximum Cumulative Monthly Natural Gas Usage (mmscft)
1	118
2	236
3	258
4	258

5	258
6	258
7	258
8	258
9	258
10	258
11	258
12	258

After the first 12 calendar months of operation, compliance with the annual natural gas usage shall be based upon a rolling, 12-month summation of the monthly natural gas usage.

III. Monitoring and/or Recordkeeping Requirements

1. When using complying coatings for K401 thru K407, the permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied; and

   b. the VOC content of each coating (excluding water and exempt solvents), as applied.

   Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

2. When calculating a daily volume-weighted average VOC content for the K402, the permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and

   c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

   The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information on a monthly basis for each coating employed in K401 thru K407:

   a. the company identification of each coating employed;

   b. the number of gallons, minus water, of each coating employed;

c. the VOC content, in pounds of VOC/gallon, excluding water of each coating employed; and

d. the total VOC emission rate from all of the coatings employed (c)x(d), in tons per month.

4. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). These quantities shall be calculated as a summation of the monthly total VOC emissions recorded in each permit.

5. The permittee shall maintain daily records that document any periods when the dry filtration system was not in service when this emissions unit was in operation.

6. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

7. The permittee shall properly install, operate, and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the final assembly facility. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

8. The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in all emissions units located at the final assembly facility (i.e., B402, and K402 thru K405).

9. The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B402 and K402 through K405

10. The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405 These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for B402 and K402 through K405 in A.I. of this permit by the total quantity of natural gas (in cubic feet per month) burned in B402 and K402 thru K405.

11. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of natural gas (in cubic feet) burned in B402 and K402 through K405. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B402 and K402 through K405. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B402 and K402 through K405 as recorded in paragraph (9) above.

12. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405. Beginning after the first 12 months of operation following issuance of this permit, the permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B402 and K402 through K405 as recorded in paragraph (10) above.

13. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of natural gas (in cubic feet) and fuel oil (in gallons) burned in B402 and K402 through K405. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B402 and K402 through K405.

14. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in , B402 and K402 through K405 in tons. Beginning after the first 12 months of operation following issuance of this permit, the permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in B402 and K402 through K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the combustion emissions from B402 and K402 through K405 as recorded Section A.III. of each permit.

IV. Reporting Requirements

1. When compliance is being demonstrated through the use of compliant coatings, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

2. When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

3. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the VOC emissions exceed the applicable limitation for all coatings employed in all repair operations located at the final assembly facility (K401 thru K407) .

4. The permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service when the respective emissions source was in operation.

5. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

6. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of natural gas burned in B402 and K402 through K405 exceeded the operational restrictions specified in section A.II., and the actual cumulative quantity of fuel burned for each such month.

7. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of CO, NOx, PE, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in B402 and K402 through K405 exceeded the emissions limitations specified in section A.I., and the actual cumulative quantity of CO, NOx, PE, PM10, SO2 and VOC for each such month.

8. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Visible particulate emissions shall not exceed 5% opacity as a 6 minute average from any stack serving this emissions unit.

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

   b. no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

   c. Emission Limitation:

      0.551 pound of PE per hour

      Applicable Compliance Method:

To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

2.4 tons of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.551 pound of PE per hour) by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

e. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate,

equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

1.6 pounds of PM10 per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0185 pound PM10/job).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation:

1.85 tons of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

h. Emission Limitation:

4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule(s) 3745-21-09(B)(3)(f) and 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.
Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

i. Emission Limitation:

12 pounds VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.14 pound VOC/job).

j. Emission Limitation:

14 tons of VOC per year

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.14 pound VOC/job).

2. Compliance with the emission limitation(s) for the combustion gas exhaust stack shall be determined in accordance with the following method(s):

a Emission Limitation:

5% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

c. Emission Limitation:

0.42 pound of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

d. 1.9 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.083 pound of CO per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

f. Emission Limitation:

0.43 pound of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

g. 1.9 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.085 pound of NOx per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

i. Emission Limitation:

0.01 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

j. Emission Limitation:

0.05 ton of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0019 pound of PE per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

l. Emission Limitation:

0.04 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

m. Emission Limitation:

0.17 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pounds of SO2 emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

o. Emission Limitation:

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

p. Emission Limitation:

0.05 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton.

Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

q. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

r. Emission Limitation:

0.03 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

s. Emission Limitation:

0.12 ton of VOC per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0054 pound of VOC per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

3. Compliance with the combined emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

a. Emission Limitation:

No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation:

The combined emissions from sanding and coating in all repair operations located at this facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

c. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/hour) and a company supplied emissions factor (0.165 pound PM10/job).

d. The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

11.56 tons of CO as a rolling, 12-month summation;
12.44 tons of NOx as a rolling, 12-month summation;
0.52 ton of PE as a rolling, 12-month summation;
1.41 tons of PM10 as a rolling, 12-month summation;
9.01 tons of SO2 as a rolling, 12 month summation; and
0.74 ton of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III. and the emissions factors demonstrated in Section V of the permit for B402 and K402 through K405 which combusts no. 2 fuel oil or natural gas.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K402 - automotive off-line repair booth with dry filtration (SPOVEN), indirect fired 5 mmBtu natural gas fired infrared oven, with low NOx burners and sanding station(s)		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K403 - automotive off-line repair booth with dry filtration (SPOVEN)	OAC rule 3745-31-05(A)(3)	1.6 pounds of PM10 per hour, 1.85 tons of PM10 per year, 12 pounds of volatile organic compounds (VOC) per hour, 14 tons of VOC per year, 5% opacity as a 6-minute average, and see sections A.I.2.a and b.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.c.
	OAC rule 3745-17-11(B)(1)	See section A.I.2.d.
	OAC rule 3745-21-09(C)(1)(d)	See section A.I.2.e.
	OAC rules 3745-31-10 thru 20	2.4 tons of PE per rolling 12-month period, 98% control of particulate emissions, and see sections A.I.2.d, f and g.
	OAC rules 3745-31-21 thru 27	See sections A.I.2.e, g, h and i.
	40 CFR Part 63 Subpart A	See section A.I.2.j.
	40 CFR Part 63 Subpart IIII	See section A.I.2.k.
indirect fired 5 mmBtu natural gas fired infrared oven, with low NOx burners	OAC rule 3745-31-05(A)(3)	0.083 pound of carbon monoxide (CO) per mmBtu, 0.42 pound of CO per hour, 1.9 tons of CO per year,

		0.43 pound of nitrogen oxides (NOx) per hour, 1.9 tons of NOx per year, 0.01 pound of PE per hour, 0.05 ton PE per year, 0.04 pound PM10 per hour, 0.17 ton PM10 per year, 0.0006 pound sulfur dioxide (SO2) per mmBtu, 0.01 pound of SO2 per hour, 0.05 ton SO2 per year, 0.03 pound of volatile organic compounds (VOC) per hour, 0.12 ton VOC per year, and 5% opacity as a 6 minute average, and see section A.I.2.l.
	OAC rule 3745-17-07(A)(1)	
	OAC rule 3745-17-10(B)(1)	See section A.I.2.c.
	OAC rule 3745-18-06(A)	See section A.I.2.c.
	OAC rule 3745-21-07(B)	See section A.I.2.m.
	OAC rule 3745-21-08(B)	See section A.I.2.n.
	OAC rule 3745-23-06(B)	See section A.I.2.o.
	OAC rule 3745-31-05(C)	See section A.I.2.p.
	OAC rule 3745-31-10 thru 20	See section A.I.2.q.
		0.085 pound NOx per mmBtu, 0.0019 pound PE per mmBtu, 0.0075 pound PM10 per mmBtu, and see sections A.I.2.r.
	OAC rule 3745-31-21 thru 27	0.085 pound NOx per mmBtu, 0.0054 pound VOC per mmBtu, and see sections A.I.2.i and s.
	40 CFR Part 63 Subpart A	See section A.I.2.j.
sanding station(s)	OAC rule 3745-31-05(A)(3)	0.65 pound of PM10 per hour, 1.85 tons of PM10 per year,

	5% opacity as a 6 minute average, and see sections A.I.2.b and u.
OAC rule 3745-17-07(A)(1)	See section A.I.2.c.
OAC rule 3745-17-11(B)(1)	See section A.I.2.d.
OAC rule 3745-31-10 thru 20	2.4 tons of PE per rolling 12-month period, and see sections A.I.2.d, f, g and v.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(d), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

2.b No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

2.c The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.d The emissions of particulate from the stack(s) associated with this emissions source shall not exceed 0.551pound of PE per hour.

2.e 4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents.

2.f The combined emission from the sanding and coating in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

2.g The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of permit to install 04-01358.

2.h The combined emission from the coating operations in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

2.i DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.j 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.k The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit.

2.l OAC rule 3745-18-06(A) does not establish sulfur dioxide emission limitations for the fuel burning equipment associated with this emissions unit because the emissions unit only employs natural gas as fuel. However, OAC rule 3745-18-06(A) requires that the natural gas being combusted meet certain fuel quality restrictions (a heat content greater than 950 Btu per standard cubic foot and a sulfur content less than 0.6 pound per million standard cubic feet). Because the natural gas being burned in this emissions unit is the standard, pipeline quality natural gas supplied to industrial, commercial, and residential users throughout the State, it is assumed that it meets the fuel quality restrictions; and no monitoring, record keeping or reporting requirements are necessary to ensure ongoing compliance with OAC rule3745-18-06(A).

2.m The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

2.n The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by complying with all applicable rules.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.o The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

2.p The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 11.56 tons of CO per rolling, 12-month period, and
ii. 9.01 tons of SO2 per rolling, 12-month period.

2.q The combined emissions from the combustion of fuel oil and natural gas in and K402 through K405 shall not exceed the following:

i. 12.44 tons of NOx per rolling, 12-month period,
ii. 0.52 ton of PE per rolling, 12-month period, and
iii. 1.41 tons of PM10 per rolling, 12-month period.

2.r The combined emissions from the combustion of fuel oil and natural gas in B402 and K402 through K405 shall not exceed the following:

i. 12.44 tons of NOx per rolling, 12-month period, and
ii. 0.74 ton of VOC per rolling, 12-month period.

2.s The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1) and OAC rules 3745-31-10 thru 20.

2.t The dry filtration system shall provide a control efficiency of no less than 98% by weight.

II. Operational Restrictions

1. All of the operations comprising this emissions unit shall be enclosed and all emissions shall be exhausted through a dry filtration system.

2. The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

3. The permittee shall burn only natural gas in this emissions unit.

4. The maximum annual natural gas usage for B402 and K402 through K405 shall not exceed 258 mmscf of natural gas, based upon a rolling, 12 month summation of the natural gas usage figures.

   To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the natural gas usage levels specified in the following table:

Month	Maximum Cumulative Monthly Natural Gas Usage (mmscft)
1	118
2	236
3	258
4	258
5	258
6	258
7	258
8	258
9	258

10	258
11	258
12	258

After the first 12 calendar months of operation, compliance with the annual natural gas usage shall be based upon a rolling, 12-month summation of the monthly natural gas usage.

III. Monitoring and/or Recordkeeping Requirements

1. When using complying coatings for K401 thru K407, the permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied; and

   b. the VOC content of each coating (excluding water and exempt solvents), as applied.

   Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

2. When calculating a daily volume-weighted average VOC content for the K402, the permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and

   c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

   The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information on a monthly basis for each coating employed in K401 thru K407:

   a. the company identification of each coating employed;

   b. the number of gallons, minus water, of each coating employed;

   c. the VOC content, in pounds of VOC/gallon, excluding water of each coating employed; and

d. the total VOC emission rate from all of the coatings employed (c)x(d), in tons per month.

4. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). These quantities shall be calculated as a summation of the monthly total VOC emissions recorded in each permit.

5. The permittee shall maintain daily records that document any periods when the dry filtration system was not in service when this emissions unit was in operation.

6. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

7. The permittee shall properly install, operate, and maintain equipment to monitor the total quantity of natural gas (in cubic feet) burned in all emissions units located at the final assembly facility. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s) with any amendments deemed necessary by the permittee.

8. The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in all emissions units located at the final assembly facility (i.e., , B402, and K402 thru K405).

9. The permittee shall maintain monthly records of the total quantity of natural gas (in cubic feet per month) burned in B402 and K402 through K405 .

10. The permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405These emissions shall be calculated by multiplying the emissions limitations (in pounds per mmBtu) established for B402 and K402 through K405 in A.I. of this permit by the total quantity of natural gas (in cubic feet per month) burned in B402 and K402 thru K405.

11. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of natural gas (in cubic feet) burned in B402 and K402 through K405. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) burned in B402 and K402 through K405. These quantities shall be calculated as a summation of the total quantity of natural gas burned in B402 and K402 through K405 as recorded in paragraph (9) above.

12. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405. Beginning after the first 12 months of operation

following issuance of this permit, the permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from B402 and K402 through K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the total emissions from B402 and K402 through K405 as recorded in paragraph (10) above.

13. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of natural gas (in cubic feet) and fuel oil (in gallons) burned in B402 and K402 through K405. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of natural gas (in cubic feet per rolling, 12-month period) and fuel oil (in gallons per rolling, 12-month period) burned in B402 and K402 through K405.

14. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in , B402 and K402 through K405 in tons. Beginning after the first 12 months of operation following issuance of this permit, the permittee shall maintain monthly records of the total CO, NOx, PE, PM10, SO2 and VOC emissions from the combustion of natural gas and fuel oil in B402 and K402 through K405, in tons as a rolling, 12-month summation. These emissions shall be calculated as a summation of the combustion emissions from B402 and K402 through K405 as recorded Section A.III. of each permit.

IV. Reporting Requirements

1. When compliance is being demonstrated through the use of compliant coatings, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

2. When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

3. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the VOC emissions exceed the applicable limitation for all coatings employed in all repair operations located at the final assembly facility (K401 thru K407) .

4. The permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service when the respective emissions source was in operation.

5. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit.

6. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of natural gas burned in B402 and K402 through K405 exceeded the operational restrictions specified in section A.II., and the actual cumulative quantity of fuel burned for each such month.

7. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each month of the calendar quarter during which the quantity of CO, NOx, PE, PM10, SO2 and/or VOC emissions from the combustion of natural gas and fuel oil in B402 and K402 through K405 exceeded the emissions limitations specified in section A.I., and the actual cumulative quantity of CO, NOx, PE, PM10, SO2 and VOC for each such month.

8. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Visible particulate emissions shall not exceed 5% opacity as a 6 minute average from any stack serving this emissions unit.

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

   b. no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

   c. Emission Limitation:

      0.551 pound of PE per hour

      Applicable Compliance Method:

      To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

2.4 tons of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.551 pound of PE per hour) by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

e. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

1.6 pounds of PM10 per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0185 pound PM10/job).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation:

1.85 tons of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

h. Emission Limitation:

4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule(s) 3745-21-09(B)(3)(f) and 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.
Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

i. Emission Limitation:

12 pounds VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.14 pound VOC/job).

j. Emission Limitation:

14 tons of VOC per year

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.14 pound VOC/job).

2. Compliance with the emission limitation(s) for the combustion gas exhaust stack shall be determined in accordance with the following method(s):

a Emission Limitation:

5% opacity as a 6-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation:

0.083 pound of CO per mmBtu

Applicable Compliance Method:

Compliance shall be demonstrated based upon an emission factor of 84 pounds of CO per million standard cubic feet and a heating value of 1020 Btu per standard cubic foot from AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1, dated 7/98.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

c. Emission Limitation:

0.42 pound of CO per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.083 pound of CO per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 10 of 40 CFR Part 60 Appendix A.

d. 1.9 tons of CO per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.083 pound of CO per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

e. Emission Limitation:

0.085 pound of NOx per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-1 dated 7/98, as follows: divide the emission factor of 50 pounds of NOx emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

f. Emission Limitation:

0.43 pound of NOx per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.085 pound of NOx per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 7 of 40 CFR Part 60 Appendix A.

g. 1.9 tons of NOx per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.085 pound of NOx per mmBtu) and by
the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

h. Emission Limitation:

0.0019 pound of PE per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 1.9 pounds of PE per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

i. Emission Limitation:

0.01 pound of PE per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0019 pound of PE per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(9).

j. Emission Limitation:

0.05 ton of PE per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0019 pound of PE per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

k. Emission Limitation:

0.0075 pound of PM10 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 7.6 pounds of PM10 per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

l. Emission Limitation:

0.04 pound of PM10 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0075 pound of PM10 per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

m. Emission Limitation:

0.17 ton of PM10 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0075 pound of PM10 per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

n. Emission Limitation:

0.0006 pound of SO2 per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 0.6 pounds of SO2 emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

o. Emission Limitation:

0.01 pound of SO2 per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0006 pound of SO2 per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 6 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-18-04.

p. Emission Limitation:

0.05 ton of SO2 per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0006 pound of SO2 per mmBtu) and by
the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

q. Emission Limitation:

0.0054 pound of VOC per mmBtu

Applicable Compliance Method:

Compliance shall be determined through calculations based on emission factors specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Table 1.4-2 dated 7/98, as follows: divide the emission factor of 5.5 pounds of VOC emissions per million standard cubic feet by a heating value of 1020 Btus per standard cubic foot.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

r. Emission Limitation:

0.03 pound of VOC per hour

Applicable Compliance Method:

This emission limitation was developed by multiplying the allowable emission limitation (0.0054 pound of VOC per mmBtu) by the maximum heat input of the burners (5 mmBtu/hr).

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 4 and 25 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-21-10.

s. Emission Limitation:

0.12 ton of VOC per year

Applicable Compliance Method:

This emission limitation was developed by multiplying the hourly maximum heat input (5 mmBtu/hr) by the allowable emission limitation (0.0054 pound of VOC per mmBtu) and by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance shall also be shown with the annual emission limitation.

3. Compliance with the combined emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

a. Emission Limitation:

No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation:

The combined emissions from sanding and coating in all repair operations located at this facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

c. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/hour) and a company supplied emissions factor (0.165 pound PM10/job).

d. The combined emissions from the combustion of fuel oil and natural gas inB402 and K402 through K405 shall not exceed the following:

11.56 tons of CO as a rolling, 12-month summation;
12.44 tons of NOx as a rolling, 12-month summation;
0.52 ton of PE as a rolling, 12-month summation;
1.41 tons of PM10 as a rolling, 12-month summation;
9.01 tons of SO2 as a rolling, 12 month summation; and
0.74 ton of VOC as a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III. and the emissions factors demonstrated in Section V of the permit for B402 and K402 through K405 which combusts no. 2 fuel oil or natural gas.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K403 - automotive off-line repair booth with dry filtration (SPOVEN), indirect fired 5 mmBtu natural gas fired infrared oven, with low NOx burners and sanding station(s)		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K406 - interior touch-up with dry filtration; air dried **(SPOVEN)**	OAC rule 3745-31-05(A)(3)	1.6 pounds of PM10 per hour, 1.85 tons of PM10 per year, 1.7 pound of volatile organic compounds (VOC) per hour, 2.0 tons of VOC per year, 5% opacity as a 6-minute average, and see section A.I.2.a and b.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.c.
	OAC rule 3745-17-11(B)(1)	See section A.I.2.d.
	OAC rule 3745-21-09(C)(1)(d)	See section A.I.2.e.
	OAC rules 3745-31-10 thru 20	98% control of particulate emissions, 2.4 tons of PE per rolling, 12-month period, and see section A.I.2.d, f and g.
	OAC rules 3745-31-21 thru 27	See sections A.I.2.e, g, h and i.
	40 CFR Part 63 Subpart A	See section A.I.2.j.
	40 CFR Part 63 Subpart IIII	See section A.I.2.k.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(d), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

2.b No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

2.c The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.d The emissions of particulate from the stack(s) associated with this emissions source shall not exceed 0.551 pound of PE per hour.

2.e 4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents.

2.f The combined emission from the sanding and coating in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

2.g The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of permit to install 04-01358.

2.h The combined emission from the coating operations in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

2.i DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.j 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.k The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit

II. Operational Restrictions

1. All of the operations comprising this emissions unit shall be enclosed and all emissions shall be exhausted through a dry filtration system.

2. The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. When using complying coatings for K401 thru K407, the permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied; and

   b. the VOC content of each coating (excluding water and exempt solvents), as applied.

   Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

2. When calculating a daily volume-weighted average VOC content for the K406, the permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and

   c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

   The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information on a monthly basis for each coating employed in K401 thru K407:

   a. the company identification of each coating employed;

   b. the number of gallons, minus water, of each coating employed;

   c. the VOC content, in pounds of VOC/gallon, excluding water of each coating employed; and

   d. the total VOC emission rate from all of the coatings employed (c)x(d), in tons per month.

4. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from all repair operations

located at the final assembly facility (K401 thru K407). These quantities shall be calculated as a summation of the monthly total VOC emissions recorded in each permit.

5. The permittee shall maintain daily records that document any periods when the dry filtration system was not in service when this emissions unit was in operation.

IV. Reporting Requirements

1. When compliance is being demonstrated through the use of compliance coatings, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

2. When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

3. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the VOC emissions exceed the applicable limitation for all coatings employed in all repair operations located at the final assembly facility (K401 thru K407) .

4. The permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service when the respective emissions source was in operation.

5. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Visible particulate emissions shall not exceed 5% opacity as a 6 minute average from any stack serving this emissions unit.

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

   b. no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

c. Emission Limitation:

0.551 pound of PE per hour

Applicable Compliance Method:

To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

2.4 tons of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.551 pound of PE per hour) by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

e. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

1.6 pounds of PM10 per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0185 pound PM10/job).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation:

1.85 tons of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

h. Emission Limitation:

4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an

evaluation performed in accordance with OAC rule(s) 3745-21-09(B)(3)(f) and 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

i. Emission Limitation:

1.7 pounds VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.020 pound VOC/job).

j. Emission Limitation:

2.0 tons of VOC per year

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.020 pound VOC/job).

2. Compliance with the combined emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

a. Emission Limitation:

The combined emissions from sanding and coating in all repair operations located at this facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

b. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K406 - interior touch-up with dry filtration; air dried **(SPOVEN)**		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K407 - clean-shop repair with dry filtration; air dry	OAC rule 3745-31-05(A)(3)	1.6 pounds of PM10 per hour, 1.85 tons of PM10 per year, 0.40 pound of volatile organic compounds (VOC) per hour, 0.5 ton of VOC per year, 5% opacity as a 6-minute average, and see section A.I.2.a and b.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.c.
	OAC rule 3745-17-11(B)(1)	See section A.I.2.d.
	OAC rule 3745-21-09(C)(1)(d)	See section A.I.2.e.
	OAC rules 3745-31-10 thru 20	98% control of particulate emissions, 2.4 tons of PE per rolling, 12-month period, and see section A.I.2.d, f and g.
	OAC rules 3745-31-21 thru 27	See sections A.I.2.e, g, h and i.
	40 CFR Part 63 Subpart A	See section A.I.2.j.
	40 CFR Part 63 Subpart IIII	See section A.I.2.k.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-21-09(C)(1)(d), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

2.b No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

2.c The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.d The emissions of particulate from the stack(s) associated with this emissions source shall not exceed 0.551pound of PE per hour.

2.e 4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents.

2.f The combined emission from the sanding and coating in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

2.g The annual VOC emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in K303 of permit to install 04-01358.

2.h The combined emission from the coating operations in all repair operations located at the final assembly facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

2.i DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.j 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.k The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit

II. Operational Restrictions

1. All of the operations comprising this emissions unit shall be enclosed and all emissions shall be exhausted through a dry filtration system.

2. The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. When using complying coatings for K401 thru K407, the permittee shall collect and record the following information each month for this emissions unit:

   a. the name and identification number of each coating, as applied; and

   b. the VOC content of each coating (excluding water and exempt solvents), as applied.

   Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

2. When calculating a daily volume-weighted average VOC content for the K407, the permittee shall collect and record the following information each day for this emissions unit:

   a. the name and identification number of each coating, as applied;

   b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each coating, as applied; and

   c. the volume-weighted average VOC content of all coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for CVOC,2.

   The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information on a monthly basis for each coating employed in K401 thru K407:

   a. the company identification of each coating employed;

   b. the number of gallons, minus water, of each coating employed;

   c. the VOC content, in pounds of VOC/gallon, excluding water of each coating employed; and

   d. the total VOC emission rate from all of the coatings employed (c)x(d), in tons per month.

4. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from all repair operations located at the final assembly facility (K401 thru K407). Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from all repair operations

located at the final assembly facility (K401 thru K407). These quantities shall be calculated as a summation of the monthly total VOC emissions recorded in each permit.

5. The permittee shall maintain daily records that document any periods when the dry filtration system was not in service when this emissions unit was in operation.

IV. Reporting Requirements

1. When compliance is being demonstrated through the use of compliance coatings, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

2. When compliance is being demonstrated through the use of daily volume weighted average of the materials used in this emissions unit, the permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

3. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the VOC emissions exceed the applicable limitation for all coatings employed in all repair operations located at the final assembly facility (K401 thru K407) .

4. The permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service when the respective emissions source was in operation.

5. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Visible particulate emissions shall not exceed 5% opacity as a 6 minute average from any stack serving this emissions unit.

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

   b. no visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit

Applicable Compliance Method:

If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

c. Emission Limitation:

0.551 pound of PE per hour

Applicable Compliance Method:

To determine the actual worst case particulate emission rate, the following equation shall be used:

E = (M) * (1-TE) * (1-CE)

where:

E = particulate emission rate (lbs/hr)

M = maximum coating solids usage rate (lbs/hr)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

2.4 tons of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by multiplying the PE emission limitation (0.551 pound of PE per hour) by the maximum annual hours of operation (8760 hrs), and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

e. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

1.6 pounds of PM10 per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0185 pound PM10/job).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation:

1.85 tons of PM10 per year

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

h. Emission Limitation:

4.8 pounds of VOC per gallon as a daily volume weighted average of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule(s) 3745-21-09(B)(3)(f) and 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

i. Emission Limitation:

0.40 pounds VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0048 pound VOC/job).

j. Emission Limitation:

0.5 ton of VOC per year

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0048 pound VOC/job).

2. Compliance with the combined emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

a. Emission Limitation:

The combined emissions from sanding and coating in all repair operations located at this facility (K401 thru K407) shall not exceed 1.85 tons of PM10 per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0185 pound of PM10/job).

b. Emission Limitation:

The combined emission from the coating operations in all repair operations located at this facility (K401 thru K407) shall not exceed 16.5 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K407 - clean-shop repair with dry filtration; air dry		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K408 - blackout spray booth with dry filtration system	OAC rule 3745-31-05(A)(3)	0.70 pound of PM10 per hour, 15.9 pounds of volatile organic compounds (VOC) per hour, 5% opacity as a 6-minute average, and see section A.I.2.a, b and c.
	OAC rule 3745-17-07(A)(1)	See section A.I.2.d.
	OAC rule 3745-17-11(B)(1)	See section A.I.2.e.
	OAC rule 3745-21-09(U)(1)(i)	See section A.I.2.d.
	OAC rules 3745-31-10 thru 20	98% control efficiency for particulate, 1.1 tons of particulate emissions (PE) per rolling, 12-month period, 0.85 ton of PM10 per rolling, 12-month period, and see sections A.I.2.e and f.
	OAC rules 3745-31-21 thru 27	1.0 pound of VOC per gallon of coating, excluding water and exempt solvents, 19.3 tons of VOC per rolling, 12-month period, and see sections A.I.2.f and g.
	40 CFR Part 63 Subpart A	See section A.I.2.h.
	40 CFR Part 63 Subpart IIII	See section A.I.2.i.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rules 3745-31-10 thru 27, and 40 CFR Part 63 Subparts A and IIII.

2.b No visible emissions of fugitive dust from any enclosure serving the processes comprising this emissions unit.

2.c The hourly and annual emission limitations above were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

2.d The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.e The emissions of particulate from the stack(s) associated with this emissions source shall not exceed 0.90 pound of PE per hour.

2.f These annual emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in PTI 0401358, emissions unit K303, Ohio EPA premise number 0448011731.

2.g DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.h 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.i The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit

II. Operational Restrictions

1. All of the operations comprising this emissions unit shall be enclosed and all emissions shall be exhausted through a dry filtration system.

2. The permittee shall operate the dry filtration system whenever the respective emission source is in operation.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for this emissions unit:

   a. The name and identification number of each coating, as applied.

   b The VOC content of each coating (excluding water and exempt solvents), as applied.

   c. The number of gallons (excluding water and exempt solvents) of each coating, as applied.

   USEPA Methods 24 and 24A shall be used to determine the VOC contents for the coatings utilized in this emissions unit. If, pursuant to Method 24, 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

2. The permittee shall calculate and record the total monthly VOC emissions for all coatings utilized in this emissions unit.

3. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative VOC emissions from this emissions unit. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total VOC emissions from this emissions unit.

4. The permittee shall maintain daily records that document any periods when the dry filtration system was not in service when this emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 30 days following the end of the calendar month.

2. The permittee shall submit quarterly deviation (excursion) reports that identify each day when the dry filtration system was not in service when the respective emissions source was in operation.

3. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Visible particulate emissions shall not exceed 5% opacity as a 6 minute average from any stack serving this emissions unit.

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

   b. no visible emissions of fugitive dust from the enclosure serving this emissions unit

      Applicable Compliance Method:

      If required, compliance shall be demonstrated based upon visible particulate emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 and the procedures specified in OAC rule 3745-17-03(B)(3).

   c. Emission Limitation:

      0.90 pound of PE per hour

      Applicable Compliance Method:

      To determine the actual worst case particulate emission rate, the following equation shall be used:

      E = (M) * (1-TE) * (1-CE)

      where:

      E = particulate emission rate (lbs/hr)

      M = maximum coating solids usage rate (lbs/hr)

      TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used

      CE = control efficiency of the control equipment - If more than one piece of control equipment is used in series, the equation should be multiplied by additional (1-CE) terms for each additional piece of equipment.

      If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR

Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10).

d. Emission Limitation:

1.1 tons of PE per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and an emissions factor (0.011 pound PE/job) derived from the hourly limitation (0.90 pound of PE per hour) and maximum hourly production rate (82 jobs/hour). Therefore, if compliance is shown with the hourly emissions limitation, compliance shall also be shown with the annual emission limitation.

c. Emission Limitation:

98% control of particulate emissions

Applicable Compliance Method:

Compliance shall be demonstrated based upon the monitoring and record keeping requirements specified in section A.III.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

0.70 pound of PM10 per hour

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0085 pound PM10/job).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation:

0.85 ton of PM10 per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0085 pound PM10/job).

h. Emission Limitation:

1.0 pound of VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III.

i. Emission Limitation:

15.9 pounds of VOC per hour

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.193 pound VOC/job).

j. Emission Limitation:

19.3 tons of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.193 pound VOC/job).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K408 - blackout spray booth with dry filtration system		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K409 - windshield wiper fluid fill operations with control by appropriate work practices	OAC rule 3745-31-05(A)(3)	See section A.I.2.a and b.
	OAC rule 3745-21-07(G)(2)	Exempt, see section A.I.2.c.
	OAC rule 3745-31-21 thru 27	0.33 pound of volatile organic compounds (VOC) per hour, 0.4 ton VOC as a rolling, 12-month total, and see sections A.I.2.d, e and f.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2) and OAC rules 3745-31-21 thru 27.

2.b The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited. Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, Toledo Division of Environmental Services. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2.c OAC rule 3745-21-07(G)(2) is not applicable in accordance with the Ohio Supreme Court decision in the case of Ashland Chemical.

2.d The hourly and annual emissions limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

2.e DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.f These annual emissions limitations represent the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in PTI 0401358, emissions unit K303, Ohio EPA premise number 0448011731.

II. Operational Restrictions

1. The permittee shall employ appropriate work practices, such as minimizing exposure time by proper dispenser design, and appropriate filling techniques.

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

1. Compliance with the emission limitation(s) for this emissions unit shall be determined in accordance with the following method(s):

   a. Emission Limitation:

      0.33 pound of volatile organic compounds (VOC) per hour

      Applicable Compliance Method:

      Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.0040 pound VOC/job).

b. Emission Limitation:

The combined emissions from all emissions points comprising this emissions unit shall not exceed 0.4 ton of VOC per rolling, 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.0040 pound VOC/job).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K409 - windshield wiper fluid fill operations with control by appropriate work practices		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P401 - Window installation with control by appropriate work practices	OAC rule 3745-31-05(A)(3)	8.2 pounds of volatile organic compounds (VOC) per hour, and see section A.I.2.a.
	OAC rule 3745-31-21 thru 27	See sections A.I.2.b, c, d, e, f, g and h.
	40 CFR Part 63 Subpart A	See section A.I.2.i.
	40 CFR Part 63 Subpart IIII	See section A.I.2.j.
glass adhesion body primers	OAC rule 3745-31-05(A)(3)	See section A.I.2.k.
	OAC rule 3745-21-09(U)(1)(g)	See section A.I.2.b.
sealers, glass primers and photochemically reactive cleaning solvents	OAC rule 3745-31-05(A)(3)	See section A.I.2.l.
	OAC rule 3745-21-07(G)(2)	See section A.I.2.c.
	OAC rule 3745-21-09(U)(1)(i)	See section A.I.2.h.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745- 31-21 thru 27, 40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII.

2.b For all glass adhesion body primers, 4.9 lb volatile organic compounds (VOC) per gallon as a daily volume weighted average minus water and exempt solvents.

2.c For all sealers, glass primers and photochemically reactive cleaning solvents applied to non-metallic surfaces, 8 pounds of organic compounds (OC) per hour and 40 pounds of OC per day.

2.d The monthly volume weighted average emissions from all sealers and primers utilized in this emissions unit shall not exceed 0.4 lb volatile organic compounds (VOC) per gallon minus water and exempt solvents.

2.e The combined emissions from all sealers and primers utilized in this emissions unit shall not exceed 10.0 tons of VOC per rolling, 12-month period.

2.f This annual emissions limitation represents the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in PTI 0401358, emissions unit K303, Ohio EPA premise number 0448011731.

2.g DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.h For all sealers applied to metallic surfaces: 3.0 pounds of VOC per gallon as a daily volume weighted average minus water and exempt solvents.

2.i 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.j The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit.

2.k The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(1)(g).

2.l The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2) and OAC rule 3745-21-09(U)(1)(i)

II. Operational Restrictions

1. The permittee shall employ appropriate work practices, such as minimizing exposure time by proper dispenser and disposal container design, and appropriate cleaning techniques to minimize exposure times.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information monthly for the purpose of determining compliance with joint VOC emissions limitations:

   a. The name and identification number of each sealer and primer, as applied.

   b. The VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each sealer and primer, as applied.

   c. The total VOC emissions from all sealers and primers, in pounds or tons.

   d. The monthly volume-weighted average VOC content of all sealers and primers.

   e. The name and identification of each photochemically reactive cleanup material employed.

   f. The VOC content and the number of gallons of each photochemically reactive cleanup material.

   g. The total VOC emissions from all materials (sealers, primers and photochemically reactive cleanup materials), in pounds or tons.

   h. The monthly volume-weighted average VOC content of all materials (sealers, primers and photochemically reactive cleanup materials.

2. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from this emissions unit. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from this emissions unit. These quantities shall be calculated as a summation of the monthly total VOC emissions recorded above.

3. When compliance with the VOC emissions limitation for glass adhesion body primers is being demonstrated through the use of compliance coatings, the permittee shall collect and record the following information each month:

   a. The name and identification number of each glass adhesion body primer, as applied.

   b The VOC content of each coating (excluding water and exempt solvents), as applied.

   c. The number of gallons (excluding water and exempt solvents) of each glass adhesion body primers, as applied.

4. When compliance with the VOC emissions limitation for glass adhesion body primers is being demonstrated as a daily volume weighted average, the permittee shall collect and record the following information each day:

a. the name and identification number of each glass adhesion body primer, as applied;

b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each glass adhesion body primer, as applied;

c. the daily volume-weighted average VOC content of all glass adhesion body primers, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

d The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

5. On any day during which daily records are being maintained for any coating, the permittee shall identify each type of substrate coated (metallic or non-metallic) and the relative surface area of, or the relative rate of application to, each substrate coated for each sealer, glass primer or photochemically reactive cleanup material on each day the emissions unit is in operation. If only monthly records are being maintained for all coatings, these records may also be maintained on a monthly basis.

6. The permittee shall collect and record the following information for each day when utilizing sealers and/or glass primers to coat non-metallic surfaces:

a. the company identification for each sealer, glass primer and photochemically reactive cleanup material employed;

b. the total number of gallons of each sealer, glass primer and photochemically reactive cleanup material employed;

c. the organic compound content of each sealer, glass primer and photochemically reactive cleanup material, in lbs/gal;

d. the total organic compound emission rate for all sealers, glass primers and photochemically reactive cleanup materials, in lbs/day;

e. the total number of hours that this emissions unit was in operation, in hours/day; and

f. the hourly organic compound emission rate for the sealers and photochemically reactive cleanup materials, i.e., (d)/(e), in lbs/hr (average).

[Note: When coating substrates with both metallic and non-metallic surfaces, the number of gallons of each sealer, cleaner or primer employed may be determined by multiplying the actual number of gallons applied by the relative rate of sealer, primer or photochemically reactive cleanup material

application to non-metallic substrates determined above. The monitoring and record keeping requirements of this section do not apply if the applied coating conforms to the exemptions of OAC rule 3745-21-07(G)(9). Also, the definition of "photochemically reactive material" is based upon OAC rule 3745-21-01(C)(5).]

7. When compliance with the VOC emissions limitation for sealers applied to metallic surfaces is being demonstrated through the use of compliance coatings, the permittee shall collect and record the following information each month:

   a. The name and identification number of each sealer applied to metallic surfaces, as applied.

   b The VOC content of each sealer applied to metallic surfaces (excluding water and exempt solvents), as applied.

   c. The number of gallons (excluding water and exempt solvents) of each sealer applied to metallic surfaces, as applied.

   [Note: When coating substrates with both metallic and non-metallic surfaces, the number of gallons applied may be determined by multiplying the actual number of gallons applied by the relative rate of sealer application to metallic substrates determined above.]

8. When compliance with the VOC emissions limitation for sealers applied to metallic surfaces is being demonstrated as a daily volume weighted average, the permittee shall collect and record the following information each day:

   a. the name and identification number of each sealer applied to metallic surfaces, as applied;

   b. the VOC content (excluding water and exempt solvents) and the number of gallons (excluding water and exempt solvents) of each sealer applied to metallic surfaces, as applied;

   c. the daily volume-weighted average VOC content of all sealers applied to metallic surfaces, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

   d The permittee shall notify the Toledo Division of Environmental Services, in advance, when daily averaging will be used instead of monthly record keeping. Alternate, equivalent record keeping methods may be used upon written approval by the Toledo Division of Environmental Services.

   [Note: When coating substrates with both metallic and non-metallic surfaces, the number of gallons applied may be determined by multiplying the actual number of gallons applied by the relative rate of sealer application to metallic substrates determined above.]

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the emissions unit exceeds the applicable joint VOC emissions limitations.

2. The permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any monthly glass adhesion body primer record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.

3. The permittee shall notify the Director (the Toledo Division of Environmental Services) in writing of any daily glass adhesion body primer or sealer record showing that the daily volume-weighted average VOC content exceeds the applicable limitation. The notification shall include a copy of such record and shall be sent to the Director (the Toledo Division of Environmental Services) within 45 days after the exceedance occurs.

4. For sealers and glass primers to coat non-metallic surfaces: the permittee shall submit quarterly deviation (excursion) reports which include the following information:

   a. An identification of each day during which the average hourly organic compound emissions from the sealers, glass primers and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.

   b. An identification of each day during which the organic compound emissions from the sealers, glass primers and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

5. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1 of these terms and conditions shall be determined in accordance with the following method(s):

   a. Emission Limitation:

      0.4 lb of VOC/gal excluding water and exempt solvents, as a monthly volume weighted average

      Applicable Compliance Method:

      Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule 3745-21-10(B) using the methods

and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

b. Emission Limitation:

8.2 pounds of VOC per hour

Applicable Compliance Method:

Compliance shall be demonstrated by a one-time calculation, based upon the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.10 pound VOC/job).

c. Emission Limitation:

10.0 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.10 pound VOC/job).

d. Emission Limitation:

4.9 lb volatile organic compounds (VOC) per gallon minus water and exempt solvents, as a daily volume weighted average

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

d. Emission Limitation:

for all sealers, glass primers and photochemically reactive cleaning solvents applied to non-metallic surfaces: 8 pounds of organic compounds (OC) per hour and 40 pounds of OC per day

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule 3745-21-10(B) using the methods

and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

e. Emission Limitation:

For all sealers applied to metallic surfaces: 3.0 pounds of VOC per gallon as a daily volume weighted average minus water and exempt solvents.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. If required, compliance shall be demonstrated by an evaluation performed in accordance with OAC rule 3745-21-10(B) using the methods and procedures specified in USEPA Reference Method 24 of 40 CFR Part 60, Appendix A.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P401 - Window installation with control by appropriate work practices		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P402 - Miscellaneous Solvents with control by appropriate work practices	OAC rule 3745-31-05(A)(3)	See section A.I.2.a.
	OAC rule 3745-21-07(G)(2)	See section A.I.2.b.
	OAC rule 3745-21-07(G)(9)(f)	Exemption, see section A.I.2.c.
	OAC rule 3745-31-21 thru 27	7.0 tons VOC per rolling, 12-month period, and see section A.I.2.b, d and e.
	40 CFR Part 63 Subpart A	See section A.I.2.f.
	40 CFR Part 63 Subpart IIII	See section A.I.2.g.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2), OAC rule 3745-31-21 thru 27, 40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII.

2.b On any day during which photochemically reactive materials are employed in this emissions unit, the organic compound (OC) emissions shall not exceed 8 pounds per hour and 40 pounds per day.

2.c OAC rule 3745-21-07(G)(2) does not apply when no photochemically reactive materials are utilized.

2.d This annual emissions limitation represents the maximum potential to emit of this emissions unit at a production limitation of 200,064 jobs per rolling 12-month period as made federally enforceable in PTI 0401358, emissions unit K303, Ohio EPA premise number 0448011731.

2.e DaimlerChrysler shall permanently shut down all emissions units at the Toledo South Assembly Plant (OEPA premise number 0448010413, emissions units B001, B002, B013, B014, B015, G001, K004, K007. K008, K009, K010, K021, K022, K024, K025, K026, K027, K028, K029, K030, K037, P021, P022, T006 & T007), upon startup of the units under this permit to install, in order to obtain the emissions offsets required by OAC 3745-31-26.

2.f 40 CFR Part 63, Subpart A, as it appears in Part II, Section 1. of this permit, provides applicability provisions, definitions, and other general provisions that are applicable to emissions units affected by 40 CFR Part 63.

2.g The permittee shall comply with the applicable requirements of 40 CFR Part 63, Subpart IIII as it appears in Part II, Section 2. of this permit.

II. Operational Restrictions

1. The permittee shall employ appropriate work practices, such as minimizing exposure time by proper dispenser and disposal container design, and appropriate cleaning techniques to minimize exposure times.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information monthly for the purpose of determining compliance with rolling, twelve month VOC emissions limitations:

   a. The name and identification number of each solvent utilized.

   b. Whether or not the solvent is a photochemically reactive material.

   c. The VOC content and the number of gallons of each solvent utilized.

   d. The total VOC emissions from all solvents utilized, in pounds or tons.

2. During the first 12 calendar months of operation following the issuance of this permit, the permittee shall record monthly, the cumulative quantity of VOC emissions, in tons, from this emissions unit. Beginning after the first 12 calendar months of operation, the permittee shall maintain monthly records of the rolling 12-month total quantity of all VOC emissions, in tons, from this emissions unit. These quantities shall be calculated as a summation of the monthly total VOC emissions recorded above.

3. The permittee shall collect and record the following information for each day when photochemically reactive materials are utilized:

   a. the company identification for each solvent employed;

   b. the total number of gallons of each solvent employed;

   c. the organic compound content of each solvent, in lbs/gal;

d. the total organic compound emission rate for all solvents, in lbs/day;

e. the total number of hours that this emissions unit was in operation, in hours/day; and

f. the hourly organic compound emission rate all solvents, i.e., (d)/(e), in lbs/hr (average).

IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that include any monthly record showing that the emissions unit exceeds the applicable joint VOC emissions limitations.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

   a. for the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly OC emissions from the photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly OC emissions for each such day; and

   b. for the days during which a photochemically reactive material was employed, an identification of each day during which the OC emissions from the photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual OC emissions for each such day.

3. These quarterly reports shall be submitted by January 31, April 30, July 31 and October 31 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section A.I.1. of these terms and conditions shall be determined in accordance with the following method(s):

   a. Emission Limitation:

      the organic compound (OC) emissions shall not exceed 8 pounds per hour and 40 pounds per day

      Applicable Compliance Method:

      Compliance shall be determined through the monitoring and recordkeeping requirements of section A.III.

   b. Emission Limitation:

      7.0 tons VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of section A.III. This emissions limitation was established based on a one-time calculation of the worst case operating scenario (200,064 jobs/year) and a company supplied emissions factor (0.07 pound VOC/job).

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P402 - Miscellaneous Solvents with control by appropriate work practices		

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None