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GENERAL PERMIT CONDITIONS

TERMINATION OF PERMIT TO INSTALL

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

NOTICE OF INSPECTION

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

CONSTRUCTION OF NEW SOURCE(S)

The proposed source(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources are inadequate or cannot meet applicable standards.

If the construction of the proposed source(s) has already begun or has been completed prior to the date the Director of the Ohio Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of Ohio Administrative Code

(OAC) Rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install 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 prove to be inadequate or cannot meet applicable standards.

PERMIT TO INSTALL FEE

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 15 days of the effective date of this permit to install.

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.

APPLICABILITY

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

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.

PERMIT TO OPERATE APPLICATION

A Permit to Operate application must be submitted to the appropriate field office for each air contaminant source in this Permit to Install. In accordance with OAC Rule 3745-35-02, the application shall be made at least 90 days prior to start-up of the source.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

SOURCE OPERATION AFTER COMPLETION OF CONSTRUCTION

This facility is permitted to operate each source described by this permit to install for period of up to one year from the date the source commenced operation. This 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.

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AIR EMISSION SUMMARY

The air contaminant emissions units listed below comprise the Permit to Install for **DaimlerChrysler Corp.** located in **Lucas** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

Ohio EPA Source Number Cont'd

B008

B009

B010

B009 Cont'd

B010 Cont'd

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	B011			
				B016
		B013		
			B015	
				B016 Cont'd
			B015 Cont'd	
	B012	B013 Cont'd		
	B012 Cont'd			B017
B010 Cont'd				
		B014		

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	B019			
				B024
		B021		
				B024 Cont'd
			B022 Cont'd	
B018				
		B021 Cont'd		
	B019 Cont'd		B023	
B018 Cont'd				
	B020			
				B025
		B022		

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		K021		
	B027			
				K022 Cont'd
			K021 Cont'd	
		K021 Cont'd		
	B027 Cont'd			
B025 Cont'd				
B026				
			K022	
	G003			

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	K023 Cont'd			
K023				
				K026
			K025	
				K026 Cont'd
			K025 Cont'd	
	K024 Cont'd			
	K024			

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K027				
				F001
			P010	
		P008		
	K029			
			P011	
			P011 Cont'd	
		P009		
	K029 Cont'd		P012	
K028				
	P007			

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
		natural gas/no. 2 fuel oil boiler		
Source Identification Description				
31.21 MMBtu/hour natural gas/no. 2 fuel oil boiler			31.21 MMBtu/hour natural gas/no. 2 fuel oil boiler	
	31.21 MMBtu/hour			16 MMBtu/hour air makeup unit, BC ASH

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3			16 MMBtu/hour air makeup unit, BC ASH 12	
	16 MMBtu/hour air makeup unit, BC ASH 5			14 MMBtu/hour air makeup unit, BC ASH 13
		16 MMBtu/hour air makeup unit, BC ASH 11		
16 MMBtu/hour air makeup unit, BC ASH 4			14 MMBtu/hour air makeup unit, BC ASH 6	
	16 MMBtu/hour air makeup unit, BC ASH 10			13 MMBtu/hour air makeup unit,

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CC ASH 7				
			13 MMBtu/hour air makeup unit, CC ASH 16	
	13 MMBtu/hour air makeup unit, CC ASH 9			
				12 MMBtu/ hour air makeup unit, Misc No. 2 (E1)
		13 MMBtu/hour air makeup unit, CC ASH 15		
13 MMBtu/hour air makeup unit, CC ASH 8				
			12.9 MMBtu/hour air makeup unit, Misc No. 1 (F1)	
	13 MMBtu/hour air makeup unit, CC ASH 14			

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12.6 MMBtu/ hour air makeup unit, Misc No. 8 (D)	E-Coat			
				Topcoat
Gasoline Fill Stations		Powder anti-chip		

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
	Low bake repair with Spovens			Blackout
			Chassis spray	
		Underbody deadener		
				Export coating

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
	Non-production maintenance materials, spray booth cleaning and purge	Miscellaneous solvents, plantwide use of photo-chemically reactive solvents	Roadways and parking areas	BAT Determination
	Sealers and adhesives			Use of compliance fuel; natural gas and low sulfur no. 2 fuel oil, low NO_x burners, oil throughput restrictions
Interior touchup		BIW Inspection and Grinding		
	Miscellaneous solvents, solvent body wipes and use of other non-photo-chemically reactive solvents	Finish welding		

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
	low sulfur no. 2 fuel oil, low NO_x burners, oil throughput restrictions			Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.
		Use of compliance fuel; natural gas and low sulfur no. 2 fuel oil, low NO_x burners, oil throughput restrictions		
Use of compliance fuel; natural gas and				Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.

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		and emissions levels equivalent to AP-42 emission factors.		AP-42 emission factors.
Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.
	Exclusive combustion of natural gas		Exclusive combustion of natural gas and emissions levels equivalent to	

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	Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.		Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	
Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.		Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.		Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.
	Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.		Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
	ed fill for the storage tanks. Compliance with the Ohio EPA Air Toxics Policy			
Exclusive combustion of natural gas and emissions levels equivalent to AP-42 emission factors.	COATING EMISSIONS: Electrodeposition of low VOC prime coat, compliance with NSPS, 100 percent capture and a minimum 95 percent control efficiency thermal incineration of the drying oven exhaust. Compliance with the Ohio EPA Air Toxics Policy	OVEN COMBUSTION GASES: natural gas combustion, 5 percent opacity	COATING EMISSIONS: Electrostatic application of low VOC powder coat**, compliance with NSPS, 5 percent opacity, particulate filtration for overspray - 100 percent capture and a minimum of 95 percent control efficiency thermal incineration of the drying oven exhaust. Compliance with the Ohio EPA Air Toxics Policy.	
Stage I and II submerg			OVEN COMBUSTION GASES: natural gas combustion, 5 percent opacity.	COATING EMISSIONS: application of waterborne basecoat and solvent borne clearcoat, compliance with

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NSPS, 5 percent opacity, particulate filtration, 100 percent capture and a minimum 95 percent control efficiency thermal incineration of the clearcoat drying oven exhaust. Compliance with the Ohio EPA Air Toxics Policy	INFRARED FLASH TUNNEL and OVEN COMBUSTION GASES: natural gas combustion, 5 percent opacity	PROCESS EMISSIONS: compliance coatings, particulate filtration for overspray, 5 percent opacity	SPOVEN COMBUSTION GASES: natural gas combustion, 5 percent opacity	underbody coatings, adequate enclosure and control, 20 percent opacity. Compliance with the Ohio EPA Air Toxics Policy
				Waterbased coatings, adequate enclosure and control, 20 percent opacity. Compliance with the Ohio EPA Air Toxics Policy
			Waterbased	

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		Restriction on paint usage, adequate enclosure and control, 5 percent opacity. Compliance with the Ohio EPA Air Toxics Policy.	materials, proper dispenser and disposal container design. Compliance with the Ohio EPA Air Toxics Policy.	per hour and 40 pounds of VOC per day, proper dispenser and disposal container design. Compliance with the Ohio EPA Air Toxics Policy.
				Adequate enclosure and control, 20 percent opacity.
5 percent opacity, particulate filtration	Low VOC coatings. Compliance with the Ohio EPA Air Toxics Policy		Non-photochemically reactive low VOC materials, proper dispenser and disposal container design.	
Use of low VOC coatings. Compliance with the Ohio EPA Air Toxics Policy		Low VOC materials, proper dispenser and disposal container design. Compliance with the Ohio EPA Air Toxics Policy	Compliance with the Ohio EPA Air Toxics Policy.	Adequate enclosure and control, 20 percent opacity
		Non-photochemically reactive low VOC	8 pounds of VOC	

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			3745-17-10 (B)(1)*	
Paving, sweeping and adequate moisture; no visible emissions except: paved - 1 minute per hour, unpaved - 3 minutes per hour, covered vehicles, clean up of spilled material.	Applicable Federal & OAC Rules 40 CFR 60.42c(d)(g) and (h) 40 CFR 60.43c (c) and (d) 3745-17-07 (A)* 3745-17-10 (B)(1)* 3745-18-06 (A) and (D) 3745-21-08 (B) 3745-23-06 (B)	3745-31-05 3745-31-10 thru 20, and 40 CFR Part 52.21 40 CFR 60.42c(d)(g) and (h) 40 CFR 60.43c (c) and (d) 3745-17-07 (A)*	3745-18-06 (A) and (D) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20, and 40 CFR Part 52.21 40 CFR 60.42c(d)(g) and (h) 40 CFR 60.43c (c) and (d) 3745-17-07 (A)* 3745-17-10 (B)(1)* 3745-18-06 (A) and (D) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05

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	3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05
	3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05			3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05
3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06 (A) and (B)		3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20 and 40 CFR Part	

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			(A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	
	3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05			3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05
3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05		3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	
	3745-31-10 thru 20 and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05			3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06
		3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06		

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(B) 3745-31-05		3745-21-09 (R) 3745-21-09 (DDD)(4)(c) 3745-31-05	3745-18-06 (A) 3745-21-08 (B) 3745-23-06 (A) and B) 3745-31-05	3745-21-09 (C)(1)(a)(v)* 3745-31-05
3745-31-10 thru 20, and 40 CFR Part 52.21 3745-18-06 (A) and (B)* 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20, and 40 CFR Part 52.21	3745-31-10 thru 20 and 40 CFR Part 52.21 COATING: 40 CFR Part 60 Subpart MM* 3745-21-09 (B)(1) and (3)(j)* 3745-21-09 (C)(1)(a)(ii)-(iv)* 3745-31-05		3745-31-10 thru 20, and 40 CFR Part 52.21 OVEN: 3745-17-07 (A)(1)* 3745-17-10 (B)(1)* 3745-18-06 (A) 3745-21-08 (B)* 3745-23-06 (A) and (B)* 3745-31-05
3745-18-06 (A) and (B) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20 and 40 CFR Part 52.21	3745-31-10 thru 20, and 40 CFR Part 52.21 OVEN: 3745-17-07 (A)(1)* 3745-17-10 (B)(1)*	3745-31-10 thru 20, and 40 CFR Part 52.21 COATING: 40 CFR Part 60 Subpart MM* 3745-21-09 (B)(1) and (3)(j)*	

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	05			
3745-31-10 thru 20, and 40 CFR Part 52.21 COATING: 40 CFR Part 60 Subpart MM* 3745-17-07 (A)(1)* 3745-17-11 (A)(2)* 3745-21-09 (B)(1) and (3)(j)* 3745-21-09 (C)(1)(c)* 3745-31-	3745-31-10 thru 20, and 40 CFR Part 52.21 FLASH TUNNEL and OVEN: 3745-17-07 (A)(1)* 3745-17-10 (B)(1)* 3745-18-06 (A) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20 and 40 CFR Part 52.21 PROCESS: 3745-17-07 (A)(1) 3745-17-11 (A)(2) 3745-21-09 (B)(1) and (3)(f) and (g) 3745-21-09 (C)(1)(d)* 3745-31-05	3745-31-10 thru 20, and 40 CFR Part 52.21 SPOVEN: 3745-17-07 (A)(1)* 3745-17-10 (B)(1)* 3745-18-06 (A) 3745-21-08 (B) 3745-23-06 (B) 3745-31-05	3745-31-10 thru 20, and 40 CFR Part 52.21 3745-17-07 (B)(1) 3745-17-08 (B)(3) 3745-21-09 (B)(1) and (3)(f) and (g) 3745-21-09 (U)(1)(i) and (3)* 3745-31-05
				3745-31-10 thru 20, and 40 CFR Part 52.21 3745-17-07 (B)(1) 3745-17-08 (B)(3) 3745-21-09

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(B)(1) and (3)(f) and (3)(f) and (g) 3745-21-09 (U)(1)(i)* 3745-21-09 (U)(1)(i)	and (g) 3745-21-09 (U)(1)(i)* 3745-31-05	3745-31-10 thru 20, and 40 CFR Part 52.21	3745-21-07 (G)(9)(f) 3745-31-05	3745-31-05
				3745-31-10 thru 20, and 40 CFR Part 52.21
				3745-17-07 (B)(1)
				3745-17-08 (B)(3)
3745-31-05			3745-31-10 thru 20, and 40 CFR Part 52.21	3745-31-05
		3745-17-08 (B)(3)		
		3745-21-09* (B)(1) and (2)(d) and (e)		3745-31-10 thru 20, and 40 CFR Part 52.21
	3745-31-10 thru 20, and 40 CFR Part 52.21	3745-21-09 (U)(2)(e)(ii)	3745-21-07 (G)(9)(f) 3745-31-05	3745-17-07 (B)(1)
3745-31-10 thru 20 and 40 CFR Part 52.21		3745-31-05		3745-17-08 (B)(3) 3745-31-05
		3745-31-10 thru 20, and 40 CFR Part 52.21		
	3745-21-09 (B)(1) and (3)(f) and (g) 3745-21-09 (U)(1)(i)* 3745-31-05	3745-31-05		3745-31-10 thru 20, and 40 CFR Part 52.21
3745-17-07 (A)(1)* 3745-17-11			3745-31-10 thru 20, and 40 CFR Part 52.21	3745-31-05
(A)(2) 3745-21-09 (B)(1)		3745-31-10 thru 20, and 40 CFR Part 52.21	3745-21-07 (G)(2)	

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3745-17-07 (B)(4), (B)(5)*	Permit Allowable Mass Emissions and/or Control/Usage Requirements	0.0028 pound VOC/MMBtu** and 5 percent opacity. Oil: 0.005 pound CO/gallon 0.001 pound PM_{10}/gallon,** 0.020 pound NO_x/gallon,** 0.071 pound SO_2/gallon, 0.0002 pound VOC/gallon** and 20 percent opacity. 0.5 percent sulfur by weight in oil. 8.3 tons CO/year, 13 tons NO_x/year, 1.9 tons PM_{10}/year, 18 tons SO_2/year, and 0.38 ton VOC/year. See II.	See II.A.2.** Gas: 0.061 pound CO/MMBTU, 0.083 pound NO_x/MMBtu**, 0.014 pound PM_{10}/MMBTU**, 0.0006 pound SO_2/MMBTU**, 0.0028 pound VOC/MMBtu and 5 percent opacity. Oil: 0.005 pound CO/gallon 0.001 pound PM_{10}/gallon**, 0.020 pound NO_x/gallon**, 0.071 pound SO_2/gallon, 0.0002 pound VOC/gallon** and 20 percent opacity. 0.5 percent sulfur by weight in oil. 8.3 tons CO/year, 13 tons NO_x/year, 1.9 tons	See II.
3745-17-08 (B), (B)(2), (B)(7), (B)(8), (B)(9). *	See II.A.1. 20 percent opacity as a 6 minute average except as provided by rule, for oil.			See II.A.1. 20 percent opacity as a 6 minute average except as provided by rule, for oil.
	see II.A.3.			see II.A.3.
	See II.A.2.** Gas: 0.061 pound CO/MMBTU, 0.083 pound NO_x/MMBtu,** 0.014 pound PM_{10}/MMBTU,** 0.0006 pound SO_2/MMBTU,	See II.A.1. 20 percent opacity as a 6 minute average except as provided by rule, for oil. see II.A.3.		See II.A.2.** Gas: 0.061 pound CO/MMBTU, 0.083 pound NO_x/MMBtu**, 0.014 pound PM_{10}/MMBTU**, 0.0006 pound SO_2/MMBTU, 0.0028 pound

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VOC/MMBtu** and 5 percent opacity. Oil: 0.005 pound CO/gallon 0.001 pound PM_{10}/gallon**, 0.020 pound NO_x/gallon**, 0.071 pound SO_2/gallon, 0.0002 pound VOC/gallon** and 20 percent opacity. 0.5 percent sulfur by weight in oil. 8.3 tons CO/year	13 tons NO_x/year, 1.9 tons PM_{10}/year, 18 tons SO_2/year, and 0.38 ton VOC/year. See II. See XVII.A 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 2.4 tons CO/year 9.8 tons NO_x/year 0.20 ton VOC/year See XVII.	See XVII.A. 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.4 tons CO/year 9.8 tons NO_x/year 0.20 ton VOC/year See XVII. See XVII.A. 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.4 tons CO/year	9.8 tons NO_x/year 0.20 ton VOC/year See XVII. See XVII.A. 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.4 tons CO/year 9.8 tons NO_x/year 0.20 ton VOC/year See XVII. See XVII.A. 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.4 tons CO/year 9.8 tons NO_x/year	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.4 tons CO/year 9.8 tons NO_x/year 0.20 ton VOC/year See XVII. See XVII.A. 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.4 tons CO/year 9.8 tons NO_x/year

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Ohio EPA Source Number	Source Identification Number	BAT Determination	Applicable Federal & OAC Rules	Permit Allowable Mass Emissions and/or Control/Usage Requirements
0.20 ton VOC/year See XVII.	. 2.1 tons CO/year 8.6 tons NO_x/year 0.17 ton VOC/year See XVII.	See XVII.A.	8.0 tons NO_x/year 0.16 ton VOC/year See XVII.	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 8.0 tons NO_x/year 0.16 ton VOC/year See XVII.
See XVII.A.	See XVII.A	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 8.0 tons NO_x/year 0.16 ton VOC/year See XVII.	See XVII.A.	
0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**.	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 2.1 tons CO/year 8.6 tons NO_x/year 0.17 ton VOC/year See XVII.	See XVII.A.	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 8.0 tons NO_x/year 0.16 ton VOC/year See XVII.	See XVII.A.
0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**		0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 8.0 tons NO_x/year 0.16 ton VOC/year See XVII.	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 8.0 tons NO_x/year 0.16 ton

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VOC/year See XVII.	tons CO/year 8.0 tons NO_x/year 0.16 ton VOC/year See XVII.	See XVII.A.	0.15 ton VOC/year See XVII.	5 percent opacity, See IV.
See XVII.A.	See XVII.A.	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.8 tons CO/year 7.4 tons NO_x/year 0.15 ton VOC/year See XVII.	See III.A.1.** See III.D.2.g. See III.A.4.** 34 tons VOC/year, See III.	See IV.A.3.
0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9	0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 7.7 tons NO_x/year 0.16 ton VOC/year See XVII.	See XVII.A. 0.034 pound CO/MMBTU actual heat input. 0.140 pound NO_x/MMBTU actual heat input**. 0.0028 pound VOC/MMBtu actual heat input**. 1.9 tons CO/year 7.7 tons NO_x/year	0.23 pound of VOC per gallon of applied coating solids**. See IV.A.1. and 2.** 52.01 tons VOC/year,	CO - 0.021 pound/MMBTU and 2.7 tons/year, NO_x - 0.100 pound/MMBTU** and 13 tons/year, PM_{10} - 0.012 pound/MMBtu** and 1.6 tons/year, SO_2 - 0.0006 pound/MMBtu and 0.078 ton/year, VOC - 0.0028 pound/MMBtu** and 0.36 ton/year, 5 percent opacity, See IV.

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	See V.A.2.		CO - 0.021 pound/MMBtu and 6.1 tons/year, NO_x - 0.100 pound/MMBtu** and 14 tons/year, PM_{10} - 0.012 pound/MMBtu** and 3.5 tons/year, SO_2 - 0.0006 pound/MMBtu and 0.17 ton/year, VOC - 0.0028 pound/MMBtu** and 0.81 ton/year, 5 percent opacity, See VI.	4.8 pounds of VOC per gallon of coating, excluding water and exempt solvents**, 28 tons VOC/year, 2.4 tons PM_{10}/year, 5 percent opacity
1.40 kg VOC/l of applied coating solids***. see V.A.1.3. and 4. 3.25 tons VOC per rolling 12-month period*** 5 percent opacity	CO - 0.021 pound/MMBtu and 3.4 tons/year, NO_x - 0.100 pound/MMBtu** and 16 tons/year, PM_{10} - 0.012 pound/MMBtu** and 2.0 tons/year, SO_2 - 0.0006 pound/MMBTU and 0.098 ton/year, VOC - 0.0028 pound/MMBTU** and 0.46 ton/year, 5 percent opacity, See V.	8.63 pounds VOC per gallon of applied coating solids**, See VI.A.1. and 2. 768.68 tons VOC/year, 2.3 pounds PM_{10}/hour**, and 10 tons PM_{10}/year, 5 percent opacity. See VI.		See VII.A.
		See VI.A.3.	0.551 pound PM_{10}/hour**,	CO - 0.021 pound/MMBtu and 0.92 ton/year, NO_x - 0.100 pound/MMBtu** and 4.4 tons/year, PM_{10} - 0.012 pound/MMBtu**

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and 0.53 ton/year, SO_2 - 0.0006 pound/MMBtu and 0.026 ton/year, VOC - 0.0028 pound/MMBtu** and 0.12 ton/year, 5 percent opacity, See VII.	1.0 pound VOC per gallon of coating excluding water and exempt solvents**, 96 tons VOC/year, 5.23 pounds PM_{10}/hour**, 23 tons PM_{10}/year. See VIII.	9.3 tons VOC/year, 0.39 pound PM_{10}/hour** 1.7 tons PM_{10}/year. See IX. 0.63 pound PM_{10}/hour** 2.0 pounds of VOC per gallon of coating excluding water and exempt solvents**, 54 tons VOC/year, 2.8 tons PM_{10}/year, 5 percent opacity. See X.	1.2 pounds of VOC per gallon of coating excluding water and exempt solvents**, 35 tons VOC/year. See XI. See XII.A.	See XIII.A.2.** 514.18 tons VOC per rolling 12-month period**, See XIII. See XIV.A.1. 0.5 pound VOC/gallon excluding water and exempt solvents as a monthly average**, 140 tons VOC/year, See XIV.
See VIII.A.1. See VIII.A.2.	3.0 pounds VOC per gallon of coating excluding water and exempt solvents**.		10 gallons per day** 5.6 tons VOC/year, See XII.	See XV.A.1. 5.82 pounds VOC/gallon excluding water and exempt solvents as a monthly average, See XV.A.3.**

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96.9 tons VOC per rolling 12-month period**, See XV.	XVIII.A.2. 0.48 pound PM_{10}/hour**, 2.1 tons PM_{10}/year.			
	See XIX.A.1.			
	See XIX.A.2.			
8 pounds of VOC per hour and 40 pounds of VOC per day**, 5.1 tons VOC/year. See XVI.	0.56 pound PM_{10}/hour**, 2.4 tons PM_{10}/year. See XIX.			
	See XX.B.1 and B.2. 0.32 pound PM_{10}/ hour. 1.4 tons PM_{10}/year.			
See XVIII.A.1.				
See				

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* This applicable rule is less stringent than the rule that resulted in the emission limitation.

** This is a federally enforceable BACT limitation. The State BAT limitation is equivalent to this value.

SUMMARY
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

Pollutant	Tons/Year
VOC	1,806.43
Particulate/PM_{10}	65.45
NO_x	231.93
CO	67.26
SO_2	17.75

NSPS REQUIREMENTS

The following sources are subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

Source Number	Source Description	NSPS Regulation (Subpart)
K021	EDP prime coat operation	MM
K022	Powder anti-chip (guidecoat) operation	MM
K023	Topcoat operation	MM
B008	Energy center boiler	Dc
B009	Energy center boiler	Dc
B010	Energy center boiler	Dc

The application and enforcement of these standards are delegated

to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

a. construction date (no later than 30 days after such date);

b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);

c. actual start-up date (within 15 days after such date); and

d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P.O. Box 163669
Columbus, OH 43216-3669

and **Toledo Division of Environmental Services**
348 South Erie Street
Toledo, OH 43602

PSD REQUIREMENTS

The source described in this Permit to Install is subject to the applicable provisions of the Prevention of Significant Deterioration (PSD) regulations as promulgated by the United States Environmental Protection Agency 40 CFR 52.21. The authority to apply and enforce the PSD regulations has been delegated to the Ohio Environmental Protection Agency. The terms and conditions of this permit and the requirements of the PSD regulations are also enforceable by the United States Environmental Protection Agency.

In accordance with 40 CFR 124.15, 124.19 and 124.20, the following shall apply: (1) the effective date of this permit shall be 30 days after the service of notice to any public commentors of the final decision to issue, modify, or revoke and

re-issue the permit, unless the service of notice is by mail, in which case the effective date of the permit shall be 33 days after the service of notice; and (2) if an appeal is made to the Administrator of the United States Environmental Protection Agency, the effective date of the permit is suspended until such time as the appeal is resolved or denied.

RECORD(S) RETENTION AND AVAILABILITY

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

REPORTING REQUIREMENTS

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Toledo Division of Environmental Services, 348 South Erie Street, Toledo, OH 43602.**

WASTE DISPOSAL

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

MAINTENANCE OF EQUIPMENT

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

MALFUNCTION/ABATEMENT

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be

reported immediately to the **Toledo Division of Environmental Services, 348 South Erie Street, Toledo, OH 43602.**

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

AIR POLLUTION NUISANCES PROHIBITED

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

NINETY DAY OPERATING PERIOD

The facility will be permitted to operate during a 90-day period in accordance with OAC Rule 3745-35-02(C)(4)(b). The purpose of this period of operation is to fulfill the performance tests conditions used in the determination of compliance with the provisions of this Permit to Install or other applicable Ohio EPA rules.

GASOLINE DISPENSING FACILITIES

BAT for any gasoline dispensing operation identified within this permit consists of the use of Stage I vapor balance system. The vapor balance system shall be designed and operated to route at least 90% by weight of the organic compounds in the displaced vapors from the storage tanks to the delivery vessel and shall be equipped with a means to prevent the discharge into the atmosphere of displaced vapors from an unconnected vapor line. This shall be used at all times when filling the tanks.

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. This facility shall be serviced by a bulk gasoline plant or terminal that is in compliance with OAC Rule 3745-21-09(P) or

(Q), respectively.

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

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

The gasoline dispensing facility shall repair within 15 days any leaks from the vapor balance system which is employed to meet the requirements of Paragraph (A)(3) of OAC Rule 3745-31-05 or Paragraph (R)(1) of OAC Rule 3745-21-09 when such leaks are equal to or greater than 100% of the lower explosive limit of propane, as determined under Paragraph (K) of OAC Rule 3745-21-10.

CONSTRUCTION COMPLIANCE CERTIFICATION

The applicant shall provide Ohio EPA with a written certification (see enclosed form) 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.

ADDITIONAL SPECIAL TERMS AND CONDITIONS

I. Facility

A. Operational Restrictions

1. These Additional Special Terms and Conditions do not release the owner or operator from meeting other applicable requirements of the appropriate MACT federal standards.

2. The emissions of CO, NO_x, PM_{10}, SO_2 and VOC from this facility shall not exceed 67.26, 231.93, 64.05, 17.75 and 1806.43 tons per year, respectively, as a rolling, 12-month total.

   To ensure enforceability during the first 12 calendar months of operation, the permittee shall not exceed the emission levels specified in the following table:

	Maximum Allowable Cumulative Emissions (Tons)				
Month(s)	CO	NO_x	PM_{10}	SO_2	VOC
1	9	32	7	17.75	150
1-2	19	64	14	17.75	300
1-3	28	97	21	17.75	450
1-4	37	129	27	17.75	600
1-5	47	161	34	17.75	750
1-6	56	193	41	17.75	900
1-7	65	225	48	17.75	1,050
1-8	67.26	231.93	52	17.75	1,200
1-9	67.26	231.93	55	17.75	1,350
1-10	67.26	231.93	58	17.75	1,510
1-11	67.26	231.93	61	17.75	1,660
1-12	67.26	231.93	64.05	17.75	1,806.43

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the monthly emissions.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records such as:

   a. usage of each VOC containing material such as paints, solvents, sealers and adhesives;

   b. VOC content and solids content (as appropriate) of these materials;

   c. natural gas and fuel oil usage;

   d. the most recent complete and approved testing results of pollution control systems and related factors used in determining emissions; and,

   e. documentation for determination of emissions of monthly VOC emissions and conformance with VOC BAT limits to demonstrate compliance with these emissions limitations. During the first 12 calendar months of operation, the permittee shall record the cumulative emissions for each calendar month. Beginning after the first 12 calendar months of operation, the rolling 12-month

summation of the emissions figures will be used.

C. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month emission limitations for CO, NO_x, PM_{10}, SO_2 and/or VOC
and, for the first 12 calendar months of operation, all exceedances of the maximum allowable cumulative emission levels.

2. The permittee shall also submit annual reports which specify the facility wide emissions of CO, NO_x, PM_{10}, SO_2
and VOC for the previous calendar year. These reports shall be submitted by April 15 of each year.

3. The permittee shall submit quarterly reports summarizing the ongoing construction progress on the emissions units comprising this permit to install. These reports shall, at a minimum, identify those emissions units for which installation is not complete, and the scheduled completed installation date for each such unit.

   These reports shall begin with the first full quarter in which a saleable vehicle is produced and shall be submitted by February 15, May 15, August 15 and November 15 of each year, unless otherwise specified by the Toledo Division of Environmental Services, and shall cover the data obtained during the previous calendar quarters.

D. Testing Requirements

1. Compliance with the rolling, 12-month emission limitations for CO, NO_x, PM_{10}, SO_2 and/or VOC shall be demonstrated by calculations from the recordkeeping requirements of Additional Special Terms and Conditions I.B.

E. Miscellaneous Requirements

1. The permittee is approved to make the changes listed

below to the extent allowed under Ohio Administrative Code Chapter 3745-31 (Note: It is highly recommended that Chrysler discuss any future changes with the Toledo Division of Environmental Services **prior** to making those changes in order to avoid potential compliance problems):

a. components of the emissions units may be replaced in kind or replaced with a component with equivalent or inherently lower emissions if such a replacement would not qualify as a "reconstruction" under 40 CFR 60.15, and if, where applicable, the appropriate emission activity category form is revised to reflect the change;

b. operational changes which will not increase the short term emission limit established or exceed long term emission limitations;

c. any of the exemptions listed under OAC rule 3745-31-03;

d. introduction of new types of VOC containing materials used for new models which meet the requirements of Additional Special Terms and Conditions I.E.2. and which will not increase the short term emission limit established or exceed long term emission limitations;.

e. changes in the number and type of applicator equipment if such components have equivalent or inherently lower emissions and will not increase the short term emission limit established or exceed long term emission limitations;

f. changes in the physical dimensions of each booth or oven to accommodate production needs, provided that these changes do not reduce the overall collection efficiency, will not increase the short term emissions limits established or exceed the long term emissions limitations and, where applicable, the appropriate emission activity category form is revised to reflect the change;

g. addition or modification of auxiliary cleaning

steps or coating operations where the process is covered by an existing permit and such changes will have equivalent or inherently lower emissions and will not increase the short term emission limit established or exceed long term emission limitations, and if, where applicable, the appropriate emission activity category form is revised to reflect the change;

h. changes in the number and type of emergency generators and fire pumps of 50 horsepower or less capacity and meeting the permanent exemption requirements in OAC 3745-31-03(A)(1)(nn);

i. changes in the number and type of space heaters and water heaters used to meet space or process heating needs of less than 10 million Btu capacity and meeting the permanent exemption requirements in OAC 3745-31-03(A)(1)(a);

j. new or replacement air pollution devices (such as scrubbers, baghouses and thermal oxidizers) where such changes will result in equivalent or inherently lower emissions and written notification of the change is forwarded to the Toledo Division of Environmental Services to schedule possible stack testing, and if, where applicable, the appropriate emission activity category form is revised to reflect the change;

k. changes to assembly operations (such as the use of sealers, wipes or adhesives and welding operations) where the operation is covered by an existing permit and such changes will not increase the short term emission limit established or exceed long term emission limitations, or where the operation meets the exemption requirements in OAC 3745-15-05(B) or OAC 3745-15-05(D), and if, where applicable, the appropriate emission activity category form is revised to reflect the change; and,

l. any other change for which the emissions impact of any involved emissions unit is below the

significance level for all criteria pollutants and which is specifically exempted by regulation from State and Federal permitting requirements, including PSD and if, where applicable, the appropriate emission activity category form is revised to reflect the change.

2. This permit allows the use of the coatings and cleanup materials specified by the permittee in the application for PTI number 04-1102. In conjunction with the best available technology requirements of OAC rule 3745-31-05, the Toluene 2,4 diisocyanate, Formaldehyde, Phosphoric acid, Triethanolamine, Nitric acid, Ethanolamine, Glycerine, Vinyl chloride, Benzene, Vinyl acetate, n-Butyl alcohol, Ethylene glycol monobutyl ether (2-butoxy ethanol), 1,2,4-Trimethylbenzene, Diisobutyl ketone, Isobutyl alcohol, Toluene, Methyl isobutyl ketone, Methyl amyl ketone, Cumene, Methanol, Propylene glycol methyl ether, Ethylbenzene, Xylene, 3-Methyl butyl acetate (i.e., isoamyl acetate), n-Amyl acetate, Methyl ethyl ketone, Tetrahydrofuran, Dipropylene glycol monomethyl ether, Methyl n-propyl ketone, Isobutyl acetate, Butyl Acetate, Natural gasoline, Isopropyl alcohol, Isopropyl acetate, Aromatic Controlled Naphtha, Mineral Spirits, VM&P Naphtha (Mineral Spirits), Petroleum naphtha, Petroleum distillates, Naphthol Spirits, Solvent naphtha light aliphatic, Aromatic solvent 150, Light aromatic solvent naphtha, Odorless mineral spirits, Mineral Spirits (Hydrocarbons), Petroleum Distillates, Ethyl acetate, Heptane, Acetone and Ethanol emission concentrations specified in this permit were established in accordance with the Ohio EPA's "Air Toxics Policy" and are based on both the coating and cleanup material formulation data and the design parameters of the emissions unit's exhaust system, as specified in the application. Compliance with the Ohio EPA's "Air Toxics Policy" was demonstrated for each pollutant based on the "ISCST3" model and a comparison of the predicted 1 hour maximum ground-level concentration to the MAGLC. The following table summarizes the results of the modeling for each pollutant:

CAS#:	Chemical Name:	Modeling	Max imum	Screening	TLV

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		Input File	Concentration	[ug/m3]:	(mg/m3)
		Name	(ug/m3)	(1/42 of TLV)	
584849	Toluene 2,4 diisocyanate	emissions	<1.0 TPY	0.86	0.036
50000	Formaldehyde	TACF2_91	6.5	6.5	0.37*
7664382	Phosphoric acid	TACD__86	6.4	24	1
102716	Triethanolamine	TACE__86	0.9	119	5
7697372	Nitric acid	TACD__86	6.4	124	5.2
141435	Ethanolamine	TACA__86	163.4	179	7.5
56815	Glycerine	TACA__86	3.4	238	10
75014	Vinyl chloride	emissions	<1.0 TPY	310	13
71432	Benzene	TACC__86	16.7	762	32
108054	Vinyl acetate	TACB__86	459	833	35
71363	n-Butyl alcohol	TACVOC91	1,691	2,667	152*
111762	Ethylene glycol monobutyl ether; (2-butoxy ethanol)	TACVOC91	1,691	2,881	121
95636	1,2,4-Trimethylbenzene	TACVOC91	1,691	2,929	123
108838	Diisobutyl ketone	TACVOC91	1,691	3,452	145
78831	Isobutyl alcohol	TACVOC91	1,691	3,619	152
108883	Toluene	TACVOC91	1,691	4,476	188
108101	Methyl isobutyl ketone	TACVOC91	1,691	4,881	205
110430	Methyl amyl ketone	TACVOC91	1,691	5,548	233
98828	Cumene	TACVOC91	1,691	5,857	246
67561	Methanol	TACVOC91	1,691	6,238	262
107982	Propylene glycol methyl ether	TACVOC91	1,691	8,786	369
100414	Ethylbenzene	TACVOC91	1,691	10,333	434
1330207	Xylene	TACVOC91	1,691	10,333	434
123922	3-Methyl butyl acetate (i.e., isoamyl acetate)	TACVOC91	1,691	12,667	532
628637	n-Amyl acetate	TACVOC91	1,691	12,667	532
78933	Methyl ethyl ketone	TACVOC91	1,691	14,048	590
109999	Tetrahydrofuran	TACVOC91	1,691	14,048	590

34590948	Dipropylene glycol monomethyl ether	TACVOC91	1,691	14,429	606
107879	Methyl n-propyl ketone	TACVOC91	1,691	16,786	705
110190	Isobutyl acetate	TACVOC91	1,691	16,976	713
123864	Butyl Acetate	TACVOC91	1,691	16,976	713
8006619	Natural gasoline	TACVOC91	1,691	21,190	890
67630	Isopropyl alcohol	TACVOC91	1,691	23,405	983
108214	Isopropyl acetate	TACVOC91	1,691	24,762	1040
64602	Aromatic Controlled Naphtha	TACVOC91	1,691	32,619	1370
64704	Mineral Spirits (1)	TACVOC91	1,691	32,619	1370
8032324	VM&P Naphtha (Mineral Spirits)	TACVOC91	1,691	32,619	1370
64741419	Petroleum naphtha (1)	TACVOC91	1,691	32,619	1370
64741657	Mineral spirits (1)	TACVOC91	1,691	32,619	1370
64741895	Petroleum distillates (1)	TACVOC91	1,691	32,619	1370
64742489	Naphthol Spirits (1)	TACVOC91	1,691	32,619	1370
64742887	Mineral spirits (1)	TACVOC91	1,691	32,619	1370
64742898	Solvent naphtha, light aliphatic	TACVOC91	1,691	32,619	1370
64742945	Aromatic solvent 150 (1)	TACVOC91	1,691	32,619	1370
64742956	Light aromatic solvent naphtha	TACVOC91	1,691	32,619	1370
68551177	Odorless mineral spirits (1)	TACVOC91	1,691	32,619	1370
68647609	Mineral Spirits (Hydrocarbons)	TACVOC91	1,691	32,619	1370
64742536A	Petroleum Distillates (1)	TACVOC91	1,691	32,619	1370
141786	Ethyl acetate	TACVOC91	1,691	34,286	1440
142825	Heptane	TACVOC91	1,691	39,048	1640
67641	Acetone	TACVOC91	1,691	42,381	1780
64175	Ethanol	TACVOC91	1,691	44,762	1880

* 8 hour STEL which may be converted to a one-hour concentration using a factor of 0.737,
Note: "worse case scenario" assumes that any given toxic comprises the entire stream.

3. Any of the following changes may be deemed a "modification" to the emissions unit and, as such, prior notification to and approval from the Toledo Division of Environmental Services is required, including the possible issuance of modifications to PTI number 04-1102 and the operating permit:

a. any changes in the composition of the coatings or cleanup materials, or the use of new coatings or cleanup materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value specified in the above table;

b. any change to the emissions unit or its exhaust parameters (e.g., increased emission rate, reduction of exhaust gas flow rate, and decreased stack height) that would result in an exceedance of any MAGLC specified in the above table; and,

c. any change to the emissions unit or its method of operation that would either require an increase in the emission limitation(s) established by this permit or would otherwise be considered a "modification" as defined in OAC rule 3745-31-01.

II. Energy Center Boiler (B008, B009 & B010)

A. Operational Restrictions

1. The quality of the oil burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation specified, and the requirements of 40 CFR Part 60.42c.

2. The quantity of the oil burned in emissions units B008, B009 and B010 combined shall not exceed 500,000 gallons as a rolling 12-month total.

3. This emissions unit shall be exempt from the stated sulfur dioxide limitations during any calendar day in which natural gas having 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 is the only fuel burned.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall comply with the applicable monitoring and recordkeeping requirements in 40 CFR Part 60.46c through 60.48c.

2. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the Toledo Division of Environmental Services.

3. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analyses for sulfur content and heat content.

4. The permittee shall maintain monthly records of the total quantity of natural gas and/or No. 2 fuel oil burned in this emissions unit.

C. Reporting Requirements

1. The permittee shall comply with the applicable reporting requirements in 40 CFR Part 60.48c.

2. The permittee shall submit a certified statement, on a quarterly basis, including copies of the permittee's or oil supplier's analyses for each shipment of oil which is received for burning in this emissions unit. The permittee's or oil supplier's analyses shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:

   a. the calendar period covered in the report;

b. each 30 day average sulfur content of the oil in percent by weight, or each 30 day average sulfur dioxide emission rate in pounds/MMBtu for the oil received during the reporting period; and,

c. reasons for any noncompliance with the emissions standards and a description of the corrective actions taken.

These quarterly reports shall be submitted by January 30, April 30, July 30 and October 30 of each year and shall cover the oil shipments received during the previous calendar quarters.

3. Quarterly reports shall be submitted for each month during the calendar quarter that shall include the rolling 12-month summation of the quantity of natural gas and/or No. 2 fuel oil burned in this emissions.

These quarterly reports shall be submitted by February 15, May 15, August 15 and November 15 of each year, unless otherwise specified by the Toledo Division of Environmental Services, and shall cover the data obtained during the previous calendar quarters.

D. <u>Testing Requirements</u>

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the Initial test requirements for sulfur dioxide and opacity, consistent with 40 CFR 60.44c and 60.45c.

2. Compliance with the emission limitation(s) of these terms and conditions shall be determined in accordance with the following methods(s):

a. Emission Limitation

0.5 percent sulfur in No. 2 fuel oil.

Applicable Compliance Method

Compliance shall be determined by using analytical results provided by the permittee or oil supplier

for each shipment of oil, and shall be consistent with the applicable requirements in 40 CFR Part 60.44c.

b. Emission Limitation

5 percent opacity for gas and 20 percent opacity for oil, as a 6 minute average except as provided by rule.

Applicable Compliance Method

Compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation

0.061 pound of carbon monoxide emissions per MMBtu actual heat input for gas, 0.005 pound of carbon monoxide per gallon of fuel oil.

Applicable Compliance Method

When firing natural gas, compliance shall be based upon an emission factor of 0.061 pound/MMBtu. When firing fuel oil, compliance shall be based upon an emission factor of 5 pounds/1000 gal. These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 10 of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation

0.083 pound of nitrogen oxides emissions per MMBtu actual heat input for gas, 0.020 pound of nitrogen oxides per gallon of fuel oil.

Applicable Compliance Method

When firing natural gas, compliance shall be based upon an emission factor of 0.083 pound/MMBtu. When firing fuel oil, compliance shall be based upon an emission factor of 20 pounds/1000 gal. These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 7 of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation

0.014 pound of particulate matter (as PM_{10}) per million Btu of actual heat input for gas and 0.001 pound of particulate matter (as PM_{10}) per gallon of fuel oil.

Applicable Compliance Method

When firing natural gas, compliance shall be based upon an emission factor of 0.014 pound PM_{10}/MMBtu. When firing fuel oil, compliance shall be based upon an emission factor of 1.00 pound PM_{10}/1000 gallons. These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(9). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation

0.0006 pound of sulfur dioxide emissions per million Btu actual heat input, and 0.071 pound of sulfur dioxide per gallon of fuel oil.

Applicable Compliance Method

When firing natural gas, compliance shall be based upon an emission factor of 0.0006 pound/MMBtu specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96, or use OAC rule 3745-18-04(G)(3). For the use of No. 2 oil, compliance shall be based upon OAC rule 3745-18-04(G)(2) and shall be consistent with the applicable requirements in 40 CFR Part 60.44c. If the sulfur content of each shipment of oil received during a calendar month does not comply with the allowable emission limitation on an "as-received" basis, compliance with the allowable sulfur dioxide emission limitation shall be based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all of the shipments of oil during a rolling thirty day period. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 6 of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

g. Emission Limitation

0.0028 pound of volatile organic compound per million Btu of actual heat input for gas and 0.0002 pound of volatile organic compound per gallon of fuel oil.

Applicable Compliance Method

When firing natural gas, compliance shall be based upon an emission factor of 0.0028 pound/MMBtu. When firing fuel oil, compliance shall be based

upon an emission factor of 0.2 pound/1000 gal. These emission factors are specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 25 or 25A of 40 CFR Part 60, Appendix A. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

h. Emission Limitation

8.3 tons CO, 13 tons NO_x, 1.9 tons PM, 18 tons SO_2, and 0.38 ton VOC per calendar year.

Applicable Compliance Method

The combustion of commercially available natural gas and no greater than 500,000 gallons of No. 2 fuel oil in this emissions unit will be considered adequate demonstration of compliance.

i. Emission Limitation

Natural gas having 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.

Applicable Compliance Method

The exclusive use of commercially available natural gas will be considered adequate demonstration of compliance.

E. Miscellaneous Requirements

1. If in the future Chrysler applies for a permit modification to burn fuels other than the natural gas and No. 2 fuel oil allowed by this permit, the BAT determination for this emissions unit will be re-evaluated on a case by case basis.

III. Gasoline Fill Stations, G003

A. Operational Restrictions

1. The permittee shall not cause, allow or permit the transfer of gasoline at a gasoline dispensing facility used to fuel newly constructed vehicles unless the following requirements are met:

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

   b. for any transfer of gasoline from a delivery 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:

      i. 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 delivery vessel and which is equipped with a means to prevent the discharge of displaced vapors from an unconnected vapor line; or

      ii. 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. 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 liquid lines

during the transfer of gasoline; and,

d. all fill caps shall be "in place" and clamped during normal storage conditions.

3. 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.

4. The permittee shall not cause, allow, or permit the transfer of gasoline from a stationary storage tank into a motor vehicle unless all vapors displaced from the motor vehicle are vented to a vapor control system which is designed and operated to maintain an overall control efficiency of not less than 90 percent, by weight, for the VOC in the displaced vapors. The vapor control system shall employ only coaxial hoses, and the use of remote check valves shall be prohibited.

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

a. the vapor control system shall be installed, operated and maintained in accordance with the manufacturer’s specifications, and shall be free of the following defects:

i. a vapor hose is crimped or flattened such that the vapor passage is blocked, or the pressure drop through the vapor hose exceeds by a factor of two or more the requirements in special terms and conditions III.D.b.2.;

ii. a nozzle boot is torn in one or more of the following manners:

aa. a triangular-shaped or similar tear one half inch or more to a side, or a

hole one half inch or more in diameter; and,

ab. a slit one inch or more in length; and,

iii. a faceplate or flexible cone is damaged in the following manner:

aa. for balance nozzles and for nozzles for aspirator and educator assist type systems, the capability to achieve a seal with a fill pipe interface is affected for one fourth of the circumference of the faceplate (accumulated); and,

ab. for nozzles for vacuum assist-type systems, more than one fourth of the flexible cone is missing; and,

iv. nozzle shutoff mechanisms are malfunctioning in any manner;

v. vapor return lines, including such components as swivels, antirecirculation valves and underground piping are malfunctioning or are blocked, or restricted such that the pressure drop through the lines exceeds by a factor of two or more the requirements specified in special terms and conditions III.D.2.b.;

vi. a vapor processing unit is inoperative or malfunctioning;

vii. a vacuum producing device is inoperative or malfunctioning;

viii. pressure/vacuum relief valves, vapor check valves, or dry beaks are inoperative;

ix. any vapor recovery equipment is leaking

liquid gasoline or gasoline vapors; and,

x. any other equipment defect which substantially impairs the effectiveness of the vapor control system.

b. the vapor control system must have successfully passed the testing requirements contained in paragraph (DDD)(2) of OAC rule 3745-21-09; and,

c. operating instructions for the vapor control system shall be conspicuously posted in each gasoline dispensing area. The operating instructions shall
clearly describe how to properly fuel motor vehicles and shall specifically prohibit the topping off of the motor vehicle fuel tank.

B. <u>Monitoring and/or Recordkeeping Requirements</u>

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

a. the results of any leak checks, including, at a minimum, the following information:

i. date of inspection;

ii. findings (may indicate no leaks discovered or location, nature, and severity of each leak);

iii. leak determination method;

iv. corrective action, when such actions are necessary (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and,

v. inspector’s name and signature.

b. the quantity of gasoline delivered to the facility during each calendar month;

c. the results of any tests performed pursuant to the testing requirements specified in this permit;

d. a log of the date and description of all repair and maintenance work performed (including, but not limited to, work performed to meet manufacturer's specifications), or any other modifications made to the vapor control system;

e. proof of attendance and completion of the training required by the Ohio EPA for the operator or local supervisor of the gasoline dispensing facility; and,

f. copies of all completed post test inspection forms.

C. Reporting Requirements

1. Any leak from the vapor balance system or vapor control system that is not repaired within 15 days after identification shall be reported to the Director within 30 days after the repair is completed.

2. A comprehensive written report on the results of any tests performed in accordance with the requirements of this permit shall be submitted within 30 days following the completion of the tests.

D. Testing Requirements

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

a. Emission Limitation

34 tons of VOC emissions per year.

Applicable Compliance Method

Multiply the 1/95 AP-42 emission factor of 3.1 pounds VOC per 1000 gallons of gasoline by the annual summation of gasoline throughput.

b. Emission Limitation

Detection of leaks.

Applicable Compliance Method

OAC 3745-21-10(K) and OAC 3745-21-10(Q). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

2. Within 60 days after the date on which the first saleable vehicle is produced, or within 60 days after the date on which installation of this emissions unit is deemed complete, whichever is latter, the permittee shall perform and comply with the requirements of the following tests:

a. a leak test shall be performed in accordance with the test procedures contained in paragraph (Q) of OAC rule 3745-21-10 to quantify the vapor tightness of the vapor control system. The vapor control system must comply with the leak rate criteria specified in the test procedures;

b. a dynamic pressure performance test shall be performed in accordance with the test procedures contained in paragraph (R) of OAC rule 3745-21-10 to determine the pressure drop through the vapor control system at prescribed flow rates. The vapor recovery system must comply with the dynamic back pressures shown in the following table:

Nitrogen flowrate (scfh)	Maximum dynamic back pressure (inches of water)
40	0.16
60	0.35
80	0.62

c. for purposes of OAC 3745-21-09, paragraph (DDD)(2)(a), the modification of a vapor control system shall include the following:

i. any change, such as the removal of components and the addition or removal of piping or fittings, which may cause the vapor control system to be incapable of maintaining an overall control efficiency for the VOC emissions; and,

ii. any change which requires a permit to install pursuant to OAC rule 3745-31-02;

d. not later than 30 days prior to any tests required pursuant to OAC 3745-21-09, paragraphs (DDD)(2)(a) and (DDD)(2)(d), the permittee shall submit a test notification to the Toledo Division of Environmental Services. The test notification shall describe the proposed test methods and procedures, the time and the date of the tests, and the person who will be conducting the tests. Failure to submit such notification prior to the tests may result in the Ohio EPA's refusal to accept the results of the tests. Personnel from the Toledo Division of Environmental Services shall be permitted to witness the tests, examine the testing equipment, and acquire data and information during the tests. After completion of any tests, the permittee shall complete a copy of the post test inspection form attached to this permit;

e. at intervals not to exceed 5 years, the permittee shall repeat and demonstrate compliance with the requirements of the tests specified in OAC 3745-21-09, paragraph (DDD)(2);

f. the Director may require the permittee to perform other tests that have been authorized by the U.S. Environmental Protection Agency if such tests are necessary to demonstrate the adequacy of a vapor control system; and,

g. alternate, equivalent test methods may be used upon approval by the Toledo Division of Environmental Services.

E. Miscellaneous Requirements

1. None.

IV. E-COAT (K021)

A. Operational Restrictions

1. The permittee shall operate and maintain a thermal incinerator, with a 100 percent capture efficiency and a minimum of 95 percent control efficiency, to control VOC emissions from the drying oven. The thermal incinerator shall be installed, operated and maintained in accordance with the manufacturer's recommendations.

2. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the incinerator is in operation as a VOC control device for compliance purposes, shall not be below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

3. This emissions unit shall be exempt from the stated sulfur dioxide limitations during any calendar day in which natural gas having 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 is the only fuel burned.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall comply with the applicable monitoring and recordkeeping requirements in 40 CFR Part 60.394 and 60.395.

2. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the incinerator is in operation. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with

the manufacturer's recommendations, with any modifications deemed necessary by the permittee and approved by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information for each month for the coating line and control equipment:

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

   b. the mass of VOC per volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating;

   c. the maximum VOC content (in mass of VOC per volume of applied coating solids) or the daily volume-weighted average VOC content (in mass of VOC per volume of applied coating solids) of all the coatings;

   d. the calculated, controlled VOC emission rate, in mass of VOC per volume of applied coating solids. The controlled VOC emission rate shall be calculated using (i) either the maximum VOC content or the daily volume-weighted VOC content recorded in accordance with paragraph "c." above and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance;

   e. a log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit; and,

f. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

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

C. Reporting Requirements

1. The permittee shall comply with the applicable reporting and recordkeeping requirements in 40 CFR Part 60.395.

2. The permittee shall submit quarterly deviation (excursion) reports that identify all monthly records showing that the calculated, controlled VOC emission rate exceeds the applicable mass of VOC per volume of applied coating solids limitation. The notification shall include a copy of such record.

3. The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

D. Testing Requirements

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

   a. Emission Limitation

      0.23 pound of VOC per gallon of applied coating solids.

      Applicable Compliance Method

      The permittee shall use the procedures in 40 CFR Part 60.393 for determining the monthly volume weighted average mass of VOC emitted per volume of applied solids.

   b. Emission Limitation

      5 percent opacity from the incinerator.

      Applicable Compliance Method

      OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

   c. Emission Limitation

      52.01 tons VOC/yr.

      Applicable Compliance Method

      Compliance with the emissions limitation will be demonstrated by the recordkeeping requirements of Additional Special Terms and Conditions VI.B.3., and by monthly records of coating usage and VOC content.

   d. Emission Limitation

      CO: 0.021 pound/MMBtu & 2.7 tons/year, NO_x: 0.100

lb/MMBtu & 13 tons/year, PM_{10}: 0.012 pound/MMBtu and 1.6 tons/year, SO_2: 0.0006 pound/MMBtu and 0.078 ton/year, VOC: 0.0028 pound/MMBtu and 0.36 ton/year and 5 percent opacity from the oven combustion gases.

Applicable Compliance Method

The exclusive combustion of commercially available natural gas in this emissions unit will be considered adequate demonstration of compliance.

e. Emission Limitation

Natural gas having 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.

Applicable Compliance Method

The exclusive use of commercially available natural gas will be considered adequate demonstration of compliance.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted within 30 days after achieving the maximum production rate at which the facility will be operated but not later than 180 days after the initial startup of the facility;

b. the emission testing shall be conducted to demonstrate compliance with the emission limitations for VOC;

c. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 of 40 CFR Part 60, Appendix A in accordance with the procedures specified in 40 CFR Part 60.393. Alternate, equivalent methods may be used upon approval by

the Toledo Division of Environmental Services;

d. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity;

e. the capture efficiency (i.e., the percent of total VOC which enters the control device) shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60.393; and,

f. the control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60.393. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Division of Environmental Services. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the local air agency' refusal to accept the results of the emission test(s).

Personnel from the Toledo Division of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Toledo Division of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Toledo Division of Environmental Services.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

V. Powder Anti-chip (K022)

A. Operational Restrictions

1. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the incinerator is in operation as a VOC control device for emissions fee or compliance purposes, shall not be below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

2. This emissions unit shall be exempt from the stated sulfur dioxide limitations during any calendar day in which natural gas having 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 is the only fuel burned.

3. The permittee shall operate and maintain a thermal

incinerator, with a 100 percent capture efficiency and a minimum of 95 percent control efficiency, to control VOC emissions from the drying oven. The thermal incinerator shall be installed, operated and maintained in accordance with the manufacturers's recommendations.

4. The emissions of VOC from this emissions unit shall not exceed 3.25 tons per year, as a rolling, 12-month total.

   To ensure enforceability during the first 12 calendar months of operation, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Emissions (Tons) VOC
1	0.27
1-2	0.54
1-3	0.81
1-4	1.08
1-5	1.35
1-6	1.62
1-7	1.89
1-8	2.16
1-9	2.43
1-10	2.70
1-11	2.97
1-12	3.25

   After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the monthly emissions.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall comply with the applicable monitoring and recordkeeping requirements in 40 CFR Part 60.394 and 60.395.

2. The permittee shall operate and maintain a continuous

temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the incinerator is in operation. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee and approved by the Toledo Division of Environmental Services.

3. The permittee shall collect and record the following information for each month for the coating line and control equipment:

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

   b. the mass of VOC per volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating;

   c. the maximum VOC content (in mass of VOC per volume of applied coating solids, as applied) or the daily volume-weighted average VOC content (in mass of VOC per volume of applied coating solids) of all the coatings;

   d. the calculated, controlled VOC emission rate, in mass of VOC per volume of applied coating solids. The controlled VOC emission rate shall be calculated using (i) either the maximum VOC content or the daily volume-weighted VOC content recorded in accordance with paragraph (c) above and (ii) the

      overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance;

   e. the monthly emissions of VOC and the rolling,

12-month summation of the monthly emissions;

f. a log or record of operating time for the capture (collection) system, control device(s), monitoring equipment, and the associated emissions unit; and,

g. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

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

C. Reporting Requirements

1. The permittee shall comply with the applicable reporting and recordkeeping requirements in 40 CFR Part 60.395.

2. The permittee shall submit quarterly deviation (excursion) reports that identify all daily records showing that the calculated, controlled VOC emission rate exceeds the applicable tons of VOC per rolling, 12-month period limitation. The notification shall include a copy of such record.

3. The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

D. Testing Requirements

1. Compliance with the emission limitation(s) of these terms and conditions shall be determined in accordance

with the following methods(s):

a. Emission Limitation

1.40 kilogram of VOC/liter of applied coating solids.

Applicable Compliance Method

The permittee shall use the procedures in 40 CFR Part 60.393 for determining the monthly volume weighted average mass of VOC emitted per volume of applied solids.

b. Emission Limitation

3.25 tons VOC per rolling 12-month period.

Applicable Compliance Method

The permittee shall calculate the rolling 12-month summation of emissions based on the recordkeeping requirements of Additional Special Term and Condition V.B.3. Where applicable, the permittee shall use OAC 3745-21-10(B) and the procedures in 40 CFR Part 60.393 for determining the monthly volume weighted average mass of VOC emitted per volume of applied solids. Where applicable, compliance shall also be demonstrated pursuant to the methods and procedures set forth in the "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", EPA-450-3-88-018, dated December 1988, and any subsequent revision approved by the EPA and the State of Ohio Environmental Protection Agency.

c. Emission Limitation

5 percent opacity from the incinerator.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo

Division of Environmental Services.

d. Emission Limitation

CO: 0.021 pound/MMBtu and 3.4 tons/year, NO_x: 0.100 pound/MMBtu and 16 tons/year, PM_{10}: 0.012 pound/MMBtu and 2.0 tons/year, SO_2: 0.0006 pound/MMBtu and 0.098 ton/year, VOC: 0.0028 pound/MMBtu and 0.46 ton/year and 5 percent opacity from the oven combustion gases.

Applicable Compliance Method

The exclusive combustion of commercially available natural gas in this emissions unit will be considered adequate demonstration of compliance.

e. Emission Limitation

Natural gas having 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.

Applicable Compliance Method

The exclusive use of commercially available natural gas will be considered adequate demonstration of compliance.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. the emission testing shall be conducted within 30 days after achieving the maximum production rate at which the facility will be operated but not later than 180 days after the initial startup of the facility;

b. the emission testing shall be conducted to demonstrate compliance with the emission limitations for VOC;

c. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 of 40 CFR Part 60, Appendix A in accordance with the procedures specified in 40 CFR Part 60.393. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services;

d. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Toledo Division of Environmental Services;

e. the capture efficiency (i.e., the percent of total VOC which enters the control device) shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60.393; and,

f. the control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60.393. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Division of Environmental Services. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s)
may result in the Toledo Division of Environmental Services' refusal to accept the results of the emission test(s).

Personnel from the Toledo Division of Environmental

Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Toledo Division of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Toledo Division of Environmental Services.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

VI. Topcoat (K023)

A. Operational Restrictions

1. The permittee shall operate and maintain a thermal incinerator, with a 100 percent capture efficiency and a minimum of 95 percent control efficiency, to control VOC emissions from the clearcoat drying oven. The thermal incinerator shall be installed, operated and maintained in accordance with the manufacturer's recommendations.

2. The average combustion temperature within the thermal incinerator, for any 3-hour block of time when the incinerator is in operation as a VOC control device for emissions fee or compliance purposes, shall not be below

the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

3. This emissions unit shall be exempt from the stated sulfur dioxide limitations during any calendar day in which natural gas having 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 is the only fuel burned.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall comply with the applicable monitoring and recordkeeping requirements in 40 CFR Part 60.394.

2. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the combustion temperature within the thermal incinerator when the incinerator is in operation. Units shall be in degrees Fahrenheit and/or Centigrade. The monitoring and recording devices shall be capable of accurately measuring the desired parameter. The temperature monitor and recorder shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, with any modifications deemed necessary by the permittee and approved by the Toledo Division of Environmental Services.

3. The permittee shall collect and record for each day a log or record of operating time for the capture (collection) system, control device(s), monitoring equipment, and the associated emissions unit.

4. The permittee shall collect and record the following information for each month for the coating line and control equipment:

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

b. the mass of VOC per volume of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating;

c. the maximum VOC content (in mass of VOC per volume of applied coating solids) or the daily volume-weighted average VOC content (in mass of VOC per volume of applied coating solids) of all the coatings;

d. the calculated, controlled VOC emission rate, in mass of VOC per volume of applied coating solids. The controlled VOC emission rate shall be calculated using (i) either the maximum VOC content or the daily volume-weighted VOC content recorded in accordance with paragraph (c) above and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance; and,

e. all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

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

C. Reporting Requirements

1. The permittee shall comply with the applicable reporting and recordkeeping requirements in 40 CFR Part 60.395.

2. The permittee shall submit quarterly deviation (excursion) reports that identify all daily records which show that the calculated, controlled VOC emission rate exceeds the applicable mass of VOC per volume of solids limitation. The notification shall include a copy of such record.

3. The permittee shall submit quarterly temperature deviation (excursion) reports that identify all 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

D. Testing Requirements

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

   a. Emission Limitation

      8.63 pounds VOC per gallon of applied coating solids.

      Applicable Compliance Method

      The permittee shall use the procedures in 40 CFR Part 60.393 for determining the monthly volume weighted average mass of VOC emitted per volume of applied solids. Where applicable, compliance shall also be demonstrated pursuant to the methods and procedures set forth in the "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", EPA-450-3-88-018, dated December 1988, and any subsequent revision approved by the EPA and the State of Ohio Environmental Protection Agency. For compliance purposes, a VOC content of 12.26 pounds per gallon will be considered to be equivalent to 1.47 kilograms per liter.

   b. Emission Limitation

      2.3 pounds of PM_{10} per hour and 10 tons of PM_{10} per year.

      Applicable Compliance Method

The use of adequate control equipment, as demonstrated by the log or record of congruent operating times for the emissions unit, capture (collection) system and control device(s) required by special terms and conditions IV.B.3., shall be considered adequate demonstration of compliance.

c. Emission Limitation

5 percent opacity from the incinerator.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation

768.68 tons VOC/year.

Applicable Compliance Method

Compliance with the emissions limitation will be demonstrated by calculation from the recordkeeping requirements of special terms and conditions IV.B.4.

e. Emission Limitation

CO: 0.021 pound/MMBtu and 6.1 tons/year, NO_x: 0.100 pound/MMBtu and 14 tons/year, PM_{10}: 0.012 pound/MMBtu and 3.5 tons/year, SO_2: 0.0006 pound/MMBtu and 0.17 ton/year, VOC: 0.0028 pound/MMBtu and 0.81 ton/year and 5 percent opacity from the oven combustion gases.

Applicable Compliance Method

The exclusive combustion of commercially available natural gas in this emissions unit will be considered adequate demonstration of compliance.

f. Emission Limitation

Natural gas having 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.

Applicable Compliance Method

The exclusive use of commercially available natural gas will be considered adequate demonstration of compliance.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

   a. the emission testing shall be conducted within 30 days after achieving the maximum production rate at which the facility will be operated but not later than 180 days after the initial startup of the facility;

   b. the emission testing shall be conducted to demonstrate compliance with the emission limitations for VOC;

   c. the following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 of 40 CFR Part 60, Appendix A in accordance with the procedures specified in 40 CFR Part 60.393. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services;

   d. the test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Toledo Division of Environmental Services;

   e. the capture efficiency (i.e., the percent of total VOC which enters the control device) shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60.393; and,

f. the control efficiency (i.e., the percent reduction in mass emissions between the inlet and outlet of the control system) shall be determined in accordance with the test methods and procedures specified in 40 CFR Part 60.393. The test methods and procedures selected shall be based on a consideration of the diversity of the organic species present and their total concentration, and on a consideration of the potential presence of interfering gases

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Toledo Division of Environmental Services. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the local air agency' refusal to accept the results of the emission test(s).

Personnel from the Toledo Division of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Toledo Division of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Toledo Division of Environmental Services.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor,

or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

VII. Low Bake Repair (K024)

A. Operational Restrictions

1. This emissions unit shall be exempt from the stated sulfur dioxide limitations during any calendar day in which natural gas having 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 is the only fuel burned.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record for each day a log or record of operating time for the capture (collection)

   system, control device(s), monitoring equipment, and the associated emissions unit.

2. The permittee shall collect and record the following information each day for the line:

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

   b. 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 daily 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 $C_{VOC,2}$.

   Alternate, equivalent recordkeeping methods may be used

upon written approval by the Toledo Division of Environmental Services.

C. Reporting Requirements

1. The permittee shall notify 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 Toledo Division of Environmental Services within 45 days after the exceedance occurs.

D. Testing Requirements

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

   a. Emission Limitation

      4.8 pounds per gallon of coating, excluding water and exempt solvents.

      Applicable Compliance Method

      OAC rule(s) 3745-21-09(C)(2) and 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator 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. Alternative formulation data may be used upon written approval of the Toledo Division of Environmental Services.

   b. Emission Limitation

0.551 pound of PM_{10} per hour and 2.4 tons of PM_{10} per year.

Applicable Compliance Method

The use of adequate control equipment, as demonstrated by a log or record of congruent operating times for the emissions unit, capture

(collection) system and control device(s) required by special terms and conditions VII.B.2., shall be considered adequate demonstration of compliance.

c. Emission Limitation

5 percent opacity from the spoven.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation

28 tons VOC/year.

Applicable Compliance Method

Use of monthly records of each coating used and the VOC content of each coating used.

e. Emission Limitation

CO: 0.015 pound/MMBtu and 0.66 ton/year, NO_x: 0.017 pound/MMBtu and 0.74 ton/year, PM_{10}: 0.012 pound/MMBtu and 0.53 ton/year, SO_2: 0.0006 pound/MMBtu and 0.026 ton/year, VOC: 0.0028 pound/MMBtu and 0.12 ton/year and 5 percent opacity from the oven combustion gases.

Applicable Compliance Method

The exclusive combustion of commercially available

natural gas in this emissions unit will be considered adequate demonstration of compliance.

f. Emission Limitation

Natural gas having 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.

Applicable Compliance Method

The exclusive use of commercially available natural gas will be considered adequate demonstration of compliance.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

VIII. Underbody Deadener (K025)

A. Operational Restrictions

1. Visible particulate emissions shall not exceed 20 percent opacity, except for a period of time not to exceed three minutes during any 60-minute observation period.

2. The permittee shall install and use hoods, fans, and/or other equipment to adequately enclose, contain, capture, vent and control the fugitive dust.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the line:

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

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

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

C. Reporting Requirements

1. The permittee shall notify 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 Toledo Division of Environmental Services within 30 days following the end of the calendar month.

D. Testing Requirements

1. Compliance with the emission limitation(s)of these Additional Special Terms and Conditions shall be determined in accordance with the following methods(s):

a. Emission Limitation

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

Applicable Compliance Method

OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator 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. Alternative formulation data may be used upon written approval of the Toledo Division of Environmental Services.

b. Emission Limitation

96 tons VOC/year.

Applicable Compliance Method

Use of monthly records of each coating used and the VOC content of each coating used.

c. Emission Limitation

Adequate enclosure and control.

Applicable Compliance Method

Collection efficiency sufficient to minimize or eliminate visible particulate: OAC rule 3745-17-08(C)(1), and 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there are no visible particulate emissions: OAC rule 3745-17-03(B). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation

20 percent opacity, except for a period of time not to exceed three minutes.

Applicable Compliance Method

OAC rule 3745-17-03(B)(3). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation

5.23 pounds PM_{10}/hour and 23 tons PM_{10}/year.

Applicable Compliance Method

Compliance with the adequate enclosure and control limitation will be considered adequate demonstration of compliance.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

IX. Chassis Spray (K026)

A. Operational Restrictions

1. Visible particulate emissions shall not exceed 20 percent opacity, except for a period of time not to exceed three minutes during any 60-minute observation period.

2. The permittee shall install and use hoods, fans, and/or other equipment to adequately enclose, contain, capture, vent and control the fugitive dust.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the line:

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

   b. the VOC content of each coating in pounds VOC per gallon of coating excluding water and exempt solvents, as applied.

   Alternate, equivalent recordkeeping methods may be used upon written approval by the Toledo Division of

Environmental Services.

C. Reporting Requirements

1. The permittee shall notify 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 Toledo Division of Environmental Services within 30 days following the end of the calendar month.

D. Testing Requirements

1. Compliance with the emission limitation(s) of these Additional Special Terms and Conditions shall be determined in accordance with the following methods(s):

   a. Emission Limitation

      3.0 pounds VOC per gallon of coating excluding water and exempt solvents.

      Applicable Compliance Method

      OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator 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. Alternative formulation data may be used upon written approval of the Toledo Division of Environmental Services.

   b. Emission Limitation

      9.3 tons VOC/year

Applicable Compliance Method

Use of monthly records of each coating used and the VOC content of each coating used.

c. Emission Limitation

Adequate enclosure and control.

Applicable Compliance Method

Collection efficiency sufficient to minimize or eliminate visible particulate: OAC rule 3745-17-08(C)(1), and 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there are no visible particulate emissions: OAC rule 3745-17-03(B). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation

20 percent opacity, except for a period of time not to exceed three minutes.

Applicable Compliance Method

OAC rule 3745-17-03(B)(3). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation

0.39 pound PM_{10}/hour and 1.7 tons PM_{10}/year.

Applicable Compliance Method

Compliance with the adequate enclosure and control limitation will be considered adequate demonstration of compliance.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo Division of Environmental Services.

X. Blackout (K027)

A. Operational Restrictions

1. None.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information for each day for the control equipment:

   a. the VOC content of each coating in pounds VOC per gallon of coating excluding water and exempt solvents, as applied; and,

   b. a log or record of operating time for the capture (collection) system, control device(s), monitoring equipment, and the associated emissions unit.

2. The permittee shall collect and record the following information each month for the line:

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

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

   Alternate, equivalent recordkeeping methods may be used upon written approval by the Toledo Division of

Environmental Services.

C. Reporting Requirements

1. The permittee shall notify 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 Toledo Division of Environmental Services within 30 days following the end of the calendar month.

D. Testing Requirements

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

   a. Emission Limitation

      2.0 pounds VOC per gallon of coating excluding water and exempt solvents.

      Applicable Compliance Method

      OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator 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. Alternative formulation data may be used upon written approval of the Toledo Division of Environmental Services.

b. Emission Limitation

54 tons VOC/year.

Applicable Compliance Method

Use of monthly records of each coating used and the VOC content of each coating used.

c. Emission Limitation

0.63 pound of PM_{10} per hour and 2.8 tons of PM_{10} per year.

Applicable Compliance Method

The use of adequate control equipment, as demonstrated by the log or record of congruent operating times for the emissions unit, capture (collection) system and control device(s) required by special terms and conditions X.B.2.d., shall be considered adequate demonstration of compliance.

d. Emission Limitation

5 percent opacity.

Applicable Compliance Method

OAC rule 3745-17-03(B)(1). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

E. Miscellaneous Requirements

1. Should any coating formulations cause a nuisance odor, or process changes cause an increase in the quantity or intensity of odors emitted from this facility, as determined by the Toledo Division of Environmental Services, the company shall take corrective action to reduce the impact of the odors. The time schedule for the corrective action shall be approved by the Toledo

Division of Environmental Services.

XI. Export Coating (K028)

A. Operational Restrictions

1. None.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the line:

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

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

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

C. Reporting Requirements

1. The permittee shall notify 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 Toledo Division of Environmental Services within 30 days following the end of the calendar month.

D. Testing Requirements

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

   a. Emission Limitation

      1.2 pounds VOC per gallon of coating excluding water and exempt solvents.

Applicable Compliance Method

OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator 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. Alternative formulation data may be used upon written approval of the Toledo Division of Environmental Services.

b. Emission Limitation

35 tons VOC/year.

Applicable Compliance Method

Use of monthly records of each coating used and the VOC content of each coating used.

E. Miscellaneous Requirements

1. None.

XII. Interior Touch-up (K029)

A. Operational Restrictions

1. The permittee shall install and use hoods, fans, and/or other equipment to adequately enclose, contain, capture, vent and control the fugitive dust.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day for the coating line:

   a. the name, identification number, and VOC content of each coating employed;

   b. the volume, in gallons, of each coating employed; and,

   c. the total volume, in gallons, of all of the coatings employed.

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

C. Reporting Requirements

1. The permittee shall notify the Toledo Division of Environmental Services in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Toledo Division of Environmental Services within 45 days after the exceedance occurs.

D. Testing Requirements

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

   a. Emission Limitation

      Maximum daily coating usage of 10 gallons per day.

      Applicable Compliance Method

      Compliance will be demonstrated through the recordkeeping requirements of XII.B.

   b. Emission Limitation

5.6 tons VOC/year.

Applicable Compliance Method

Compliance shall be determined by utilizing the daily records contained in Section XII.B.

E. Miscellaneous Requirements

1. None.

XIII. P007, Non-Production Maintenance Materials

A. Operational Restrictions

1. The permittee shall employ only appropriate solvent dispensers, disposal containers and booth cleaning techniques appropriate to minimize evaporation in this emissions unit.

2. The emissions of VOC from this emissions unit shall not exceed 514.18 tons per year, as a rolling, 12-month total.

To ensure enforceability during the first 12 calendar months of operation, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Emissions (Tons) VOC
1	42
1-2	85
1-3	128
1-4	171
1-5	214
1-6	257
1-7	299
1-8	342
1-9	385
1-10	420
1-11	471
1-12	514.18

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a rolling, 12-month summation of the monthly emissions.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the non-production maintenance material operations:

   a. the company identification for each non-production maintenance material employed;

   b. the number of gallons of each non-production maintenance material employed;

   c. the organic compound content of each non-production maintenance material, in pounds per gallon excluding water and exempt solvents; and,

   d. the monthly emissions of VOC and the rolling, 12-month summation of the monthly emissions.

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

C. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports identifying any photochemically reactive non-production maintenance material that was used.

2. The permittee shall submit quarterly deviation (excursion) reports that identify records showing that the material used in this emissions unit exceeds the applicable limitation. The notification shall include a copy of such record.

D. Testing Requirements

1. Compliance with the emission limitation(s)of these

terms and conditions shall be determined in accordance with the following methods(s):

a. Emission Limitation

514.18 tons VOC per year, as a rolling, 12-month total.

Applicable Compliance Method

Compliance shall be demonstrated through the recordkeeping requirements of Additional Special Terms and Conditions XIII.B., and OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular non-production maintenance material, the permittee shall no notify the Administrator of the USEPA and shall use formulation data for that non-production maintenance material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.

E. Miscellaneous Requirements

1. None.

XIV. P008, Sealers and Adhesives

A. Operational Restrictions

1. The permittee shall employ only non-photochemically reactive materials in this emissions unit.

2. The permittee shall employ only dispensers and disposal containers appropriate to minimize exposure times in this emissions unit.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the sealer and adhesive operations:

   a. the company identification for each sealer and adhesive material employed;

   b. the number of gallons of each sealer and adhesive material employed;

   c. the organic compound content of each sealer and adhesive material, in pounds per gallon excluding water and exempt solvents; and,

   d. the monthly average organic compound content for all sealer and adhesive material, in pounds VOC per gallon excluding water and exempt solvents.

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

C. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports identifying any photochemically reactive sealer or adhesive material that was used.

2. The permittee shall submit quarterly deviation (excursion) reports that identify records showing that the material used in this emissions unit exceeds the applicable limitation. The notification shall include a copy of such record.

D. Testing Requirements

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

   a. Emission Limitation

0.5 pound VOC per gallon of sealer and adhesive material excluding water and exempt solvents as a monthly average.

Applicable Compliance Method

OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular non-production maintenance material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that non-production maintenance material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A. Alternative, formulation data may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation

140 tons VOC/year.

Applicable Compliance Method

Use of monthly records of each sealer and adhesive used and the VOC content of each sealer and adhesive used.

c. Emission Limitation

Employ only non-photochemically reactive materials.

Applicable Compliance Method

Exclusion of materials meeting the definition in OAC 3745-21-01(C)(5).

E. Miscellaneous Requirements

1. None.

XV. P009, Miscellaneous Solvents, solvent body wipes and plantwide use of other non-photochemically reactive solvents

A. Operational Restrictions

1. The permittee shall employ only non-photochemically reactive materials in this emissions unit.

2. The permittee shall employ only dispensers and disposal containers appropriate to minimize exposure times.

3. The emissions of VOC from this emissions unit shall not exceed 96.9 tons per year, as a rolling, 12-month total.

To ensure enforceability during the first 12 calendar months of operation, the permittee shall not exceed the emission levels specified in the following table:

Month(s)	Maximum Allowable Cumulative VOC Emissions (Tons)
1	8
1-2	16
1-3	24
1-4	32
1-5	40
1-6	48
1-7	56
1-8	64
1-9	72
1-10	80
1-11	88
1-12	96.6

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual emission limitations shall be based upon a

rolling, 12-month summation of the monthly emissions.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for the solvent body wipes operations:

   a. the company identification for each solvent employed;

   b. the number of gallons of each solvent employed;

   c. the organic compound content of each solvent, in pounds per gallon excluding water and exempt solvents; and,

   d. the monthly emissions of VOC and the rolling, 12-month summation of the monthly emissions.

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

C. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports identifying any photochemically reactive sealer or adhesive material that was used.

2. The permittee shall submit quarterly deviation (excursion) reports that identify records showing that the material used in this emissions unit exceeds the applicable limitation. The notification shall include a copy of such record.

D. Testing Requirements

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

a. Emission Limitation

96.9 tons VOC per year, as a rolling, 12-month total.

Applicable Compliance Method

Compliance shall be demonstrated through the recordkeeping requirements of Additional Special Terms and Conditions XV.B., and OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular non-production maintenance material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that non-production maintenance material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A. Alternative, formulation data may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation

Employ only non-photochemically reactive materials.

Applicable Compliance Method

Exclusion of materials meeting the definition in OAC 3745-21-01(C)(5).

E. Miscellaneous Requirements

1. None.

XVI. P010, Miscellaneous Solvents, plantwide use of photochemically reactive solvents

Facility Name: **DaimlerChrysler Corp.**
Application Number: **04-1102**
Date:

A. Operational Restrictions

1. The permittee shall employ only dispensers and disposal containers appropriate to minimize exposure times.

B. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:

   a. the company identification for each photochemically reactive cleanup material employed;

   b. the number of gallons of each photochemically reactive cleanup material employed;

   c. the organic compound content of each photochemically reactive cleanup material, in pounds per gallon;

   d. the total organic compound emission rate for all photochemically reactive cleanup materials, in pounds per day;

   e. the total number of hours the emissions unit was in operation; and,

   f. the average hourly organic compound emission rate for all photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

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

C. Reporting Requirements

1. 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

coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day; and,

b. an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

D. Testing Requirements

1. Compliance with the emission limitation(s) in Section XVI.A.1. of these Additional Special Terms and Conditions shall be determined in accordance with the following methods(s):

a. Emission Limitation

8 pounds of VOC per hour and 40 pounds of VOC per day.

Applicable Compliance Method

OAC rules 3745-21-09(B) and 3745-21-10(C). USEPA Methods 24 and 24A shall be used to determine the VOC content. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services. If, pursuant to section 4.3 of Method 24, 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular non-production maintenance material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that non-production maintenance material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A. Compliance shall be demonstrated through the recordkeeping requirements of

Additional Special Terms and Conditions XVI.B.

b. Emission Limitation

5.1 tons VOC/year.

Applicable Compliance Method

Compliance shall be demonstrated through the recordkeeping requirements of Additional Special Terms and Conditions XVI.B.

E. Miscellaneous Requirements

1. None.

XVII. Additional terms for make up air units which are >10 MMBtu/hr & natural gas direct fired, B011 to B027

A. Operational Restrictions

1. The permittee shall restrict the fuel burned in this emissions unit to natural gas having 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.

B. Monitoring and/or Recordkeeping Requirements

1. None.

C. Reporting Requirements

1. None.

D. Testing Requirements

1. Compliance with the emission limitation(s) in Section XVII.A.1. of these Additional Special Terms and

Conditions shall be determined in accordance with the following methods(s):

a. Emission Limitation

Natural gas having 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.

Applicable Compliance Method

The exclusive use of commercially available natural gas will be considered adequate demonstration of compliance.

b. Emission Limitation

0.034 pound of carbon monoxide emissions per MMBtu actual heat input.

Applicable Compliance Method

Compliance shall be based upon an emission factor of 0.034 pound/MMBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 10 of 40 CFR Part 60, Appendix A.

c. Emission Limitation

0.140 pound of nitrogen oxides emissions per MMBtu actual heat input.

Applicable Compliance Method

Compliance shall be based upon an emission factor of 0.140 pound/MMBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 7 of 40 CFR Part 60, Appendix A.

d. Emission Limitation

0.0028 pound of VOC emissions per MMBtu actual heat input.

Applicable Compliance Method

Compliance shall be based upon an emission factor of 0.0028 pound/MMBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, dated 10/96. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 25 of 40 CFR Part 60, Appendix A.

E. Miscellaneous Requirements

1. None.

XVIII. P011, BIW Inspection and Grinding

A. Operational Restrictions

1. Visible particulate emissions shall not exceed 20 percent opacity, except for a period of time not to exceed three minutes during any 60-minute observation period.

2. The permittee shall install and use hoods, fans, and/or other equipment to adequately enclose, contain, capture, vent and control the fugitive dust.

B. Monitoring and/or Recordkeeping Requirements

1. None.

C. Reporting Requirements

1. None.

D. Testing Requirements

1. Compliance with the emission limitation(s) in Section

XVIII.A.1. of these Additional Special Terms and Conditions shall be determined in accordance with the following methods(s):

a. Emission Limitation

Adequate enclosure and control.

Applicable Compliance Method

Collection efficiency sufficient to minimize or eliminate visible particulate: OAC rule 3745-17-08(C)(1), and 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there are no visible particulate emissions: OAC rule 3745-17-03(B). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation

20 percent opacity, except for a period of time not to exceed three minutes.

Applicable Compliance Method

OAC rule 3745-17-03(B)(3). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation

0.48 pound PM_{10}/hour and 2.1 tons PM_{10}/year.

Applicable Compliance Method

Compliance with the adequate enclosure and control, and opacity limitations will be considered adequate demonstration of compliance.

E. Miscellaneous Requirements

1. None.

XIX. P012, Finish Welding

Facility Name: **DaimlerChrysler Corp.**
Application Number: **04-1102**
Date:

A. Operational Restrictions

1. Visible particulate emissions shall not exceed 20 percent opacity, except for a period of time not to exceed three minutes during any 60-minute observation period.

2. The permittee shall install and use hoods, fans, and/or other equipment to adequately enclose, contain, capture, vent and control the fugitive dust.

B. Monitoring and/or Recordkeeping Requirements

1. None.

C. Reporting Requirements

1. None.

D. Testing Requirements

1. Compliance with the emission limitation(s) in Section XIX.A.1. of these Additional Special Terms and Conditions shall be determined in accordance with the following methods(s):

   a. Emission Limitation

      Adequate enclosure and control.
      Applicable Compliance Method

      Collection efficiency sufficient to minimize or eliminate visible particulate: OAC rule 3745-17-08(C)(1), and 0.030 grain of particulate emissions per dry standard cubic foot of exhaust gases or there are no visible particulate emissions: OAC
      rule 3745-17-03(B). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

   b. Emission Limitation

      20 percent opacity, except for a period of time not to exceed three minutes.

Applicable Compliance Method

OAC rule 3745-17-03(B)(3). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation

0.56 pound PM_{10}/hour and 2.4 tons PM_{10}/year.

Applicable Compliance Method

Compliance with the adequate enclosure and control, and opacity limitations will be considered adequate demonstration of compliance.

E. Miscellaneous Requirements

1. None.

XX. F001, Plant Roadways and Parking Areas

A. Facility

1. The paved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

Paved roadways:

Loop Road,
T/C/F Avenue 3,
Paint Avenue 4,
Body Avenue 5,
Office Road - Existing Plant.

Paved parking areas:

Truck marshalling Lot A,
Truck marshalling Lot B,
North Parking Lot,
South Parking Lot,
West Parking Lot,

Visitor Parking Lot

2. The unpaved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rules 3745-17-07 and 3745-17-08 are listed below:

   Unpaved roadways:

   None

   Unpaved parking areas:

   Surplus area west of Wastewater Treatment Plant.

3. Upon start-up, 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. The permittee shall 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.

4. Upon start-up, the permittee shall employ best available control measures on all unpaved parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall treat the unpaved parking areas 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.

5. 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.

6. 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 or unpaved 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.

7. Any unpaved parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measures specified above for paved surfaces. Any unpaved parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved parking areas. Any unpaved parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

8. 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.

B. Operational Restrictions

1. No visible particulate emissions except for 1 minute during any 60-minute period for paved roadways and parking areas.

2. No visible particulate emissions except for 3 minutes during any 60-minute period for unpaved parking areas.

C. Monitoring and/or Recordkeeping Requirments

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

paved roadways and parking areas	minimum inspection frequency

all	weekly
unpaved parking areas	minimum inspection frequency
all	weekly

The purpose of the inspections is to determine the need for implementing the control measures specified in Section A.3. and A.4. 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.

The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

2. The permittee shall maintain records of the following information for a minimum of five years:

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 days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in Section XX.B.2.d. shall be kept separately for (i.) The paved roadways and parking areas and (ii.) The unpaved roadways and parking areas, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

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

   a. each day 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.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section XX.B.1 and B.2. of the Additional Special Terms and Conditions shall be determined in accordance with the following method(s):

   a. Emission Limitation

No visible particulate emissions except for 1 minute during any 60-minute period for paved roadways and parking areas.

No visible particulate emissions except for 3 minutes during any 60-minute period for unpaved parking areas.

Applicable Compliance Method

Compliance with these emissions limitations shall be demonstrated through the monitoring and recordkeeping requirements of Sections XX.C. If required, compliance 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.

b. Emission Limitation

0.32 pounds PM_{10}/hour and 1.4 tons PM_{10}/year.

Applicable Compliance Method

Compliance with the paving, sweeping, adequate moisture and opacity limitations will be considered adequate demonstration of compliance.

F. Miscellaneous Requirements

None.