John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

7/19/2013

Certified Mail

Mr. Brad Crichton
KUKA Toledo Production Operations
3770 Stickney Avenue
Toledo, OH 43608-1310

Facility ID: 0448011730
Permit Number: P0113439
County: Lucas

RE: DRAFT AIR POLLUTION TITLE V PERMIT
Permit Type: Renewal

Dear Permit Holder:

A draft of the OAC Chapter 3745-77 Title V permit for the referenced facility has been issued. The purpose of this draft is to solicit public comments. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, Toledo Blade. A copy of the public notice, the Statement of Basis, and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
50 West Town Street, Suite 700
P.O. Box 1049
Columbus, Ohio 43216-1049

and

Toledo Department of Environmental Services
348 South Erie Street
Toledo, OH 43604

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified if a public hearing is scheduled. A decision on processing the Title V permit will be made after consideration of comments received and oral testimony if a public hearing is conducted. You will then be provided with a Preliminary Proposed Title V permit and another opportunity to comment prior to the 45-day Proposed Title V permit submittal to U.S. EPA Region 5. The permit will be issued final after U.S. EPA review is completed and no objections to the final issuance have been received. If you have any questions, please contact Toledo Department of Environmental Services at (419)936-3015.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 - *Via E-Mail Notification*
TDES; Michigan; Indiana

PUBLIC NOTICE
7/19/2013 Issuance of Draft Air Pollution Title V Permit

KUKA Toledo Production Operations
3770 Stickney Avenue,
Toledo, OH 43608-1310
Lucas County
FACILITY DESC.: Other Motor Vehicle Electrical and Electronic Equipment Manufacturing
PERMIT #: P0113439
PERMIT TYPE: Renewal
PERMIT DESC: Body Shop portion of Automotive and Light Duty Truck Supplier Park

The Director of the Ohio Environmental Protection Agency issued the draft permit above. The permit and complete instructions for requesting information or submitting comments may be obtained at: http://epa.ohio.gov/dapc/permitsonline.aspx by entering the permit # or: Jeffrey Coleman, Toledo Department of Environmental Services, 348 South Erie Street, Toledo, OH 43604. Ph: (419)936-3015

Statement of Basis For Air Pollution Title V Permit

Facility ID:	0448011730
Facility Name:	KUKA Toledo Production Operations
Facility Description:	Body Shop portion of Automotive and Light Duty Truck Supplier Park
Facility Address:	3770 Stickney Avenue, Toledo, OH 43608-1310
Permit #:	P0113439, Renewal

This facility is subject to Title V because it is major for:
☐ Lead ☐ Sulfur Dioxide ☒ Carbon Monoxide ☒ Volatile Organic Compounds ☒ Nitrogen Oxides
☒ Particulate Matter ≤ 10 microns ☒ Single Hazardous Air Pollutant ☒ Combined Hazardous Air Pollutants
☒ Maximum Available Control Technology Standard(s) III, DDDDD ☒ GHG ☐ Title IV

A. Standard Terms and Conditions

Has each insignificant emissions unit been reviewed to confirm it meets the definition in OAC rule 3745-77-01(U)?	Yes
Were there any "common control" issues associated with this facility? If yes, provide a summary of those issues and explain how the DAPC decided to resolve them.	Chrysler Group LLC (Chrysler) owns or is in co-operation with several automobile manufacturing plants in Toledo, Ohio. The operations associated with the KUKA Toledo Production Operations (KUKA) are identified as premise number 0448011730 and are comprised of the emissions units in this permit. The other three production plants comprising the Toledo Supplier Park (TSP) operations were identified as premise numbers 0448010414, 0448011729, and 0448011731. The original installation permits for the TSP (PTI 04-01356 through PTI 04-01359) were treated as one facility for purposes of the initial PSD review and for determination of major source status for purposes of Title V permitting. While the operations at the KUKA facility are minor in all air pollutant emissions, KUKA will be treated as a major source for the pollutants identified above due to its association with the Chrysler operations.
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a minor permit modification per OAC rule 3745-77-08(C)(1)	P0110907, issued 2/15/2013: KUKA was issued a permit to operate in 2004 which limited the potential to emit for PSD purposes by restricting the annual rate of production of the vehicles being processed through the WPF paint shop. Alternate, equivalent operating restrictions were established and made enforceable through administrative modifications through the action of this Permit to Install which will be incorporated into this TV permit. This permit to install also altered the terms and conditions to match current OEPA library requirements, and included changes to the references to updated SIP regulations.

	40 CFR Part 63, Subpart DDDDD indicated as applicable in the table above, is not applicable to any processes located in the KUKA building (044811730).
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a significant permit modification per OAC rule 3745-77-08(C)(3)	N/A
Please identify the affected unit(s)and associated PTI, if applicable, along with a brief description of any changes to the permit document that qualify as a reopening per OAC rule 3745-77-08(D)	N/A
Please identify the affected unit(s) and associated PTI, if applicable, along with a brief description of any changes to the permit document resulting from a renewal per OAC rule 3745-77-08(E)	P0110907, issued 2/15/2013 modified the terms and conditions for P001, P002, and P003. These changes will be carried over into this TV permit and include altered terms and conditions to match current OEPA library requirements and changes to the references to match the current SIP regulations.
Please identify the affected unit(s) and pollutant(s) for which a Compliance Assurance Monitoring (CAM) Plan is required per 40 CFR 64. Provide more emissions unit specific detail in Section C.	N/A

B. Facility-Wide Terms and Conditions

Term and Condition (paragraph)	Basis		Comments
	SIP (3745-)	Other	
B.1.	N	Y	State/Federal enforceable terms
B.2. and B.3.	N	Y	40 CFR Part 63 Subpart A and 40 CFR Part 63 Subpart IIII
B.4. and B.5.	77	N	SIP, insignificant and deminimis emissions units are listed

C. Emissions Unit Terms and Conditions

Key:
EU = emissions unit ID
ND = negative declaration (i.e., term that indicates that a particular rule(s) is (are) not
R = record keeping requirements
Rp = reporting requirements

applicable to a specific emissions unit)
OR = operational restriction
M = monitoring requirements
ENF = did noncompliance issues drive the monitoring requirements?
ET = emission testing requirements (not including compliance method terms)
St = streamlining term used to replace a PTI monitoring, record keeping, or reporting requirement with an equivalent or more stringent requirement
Misc = miscellaneous requirements

EU(s)	Limitation	Basis		ND	OR	M	ENF	R	Rp	ET	St	Misc	Comments
		SIP (3745-)	Other										
B201, B203 (Hot Water Boiler 50 mmBtu/hr, natural gas and/or no. 2 fuel oil-fired with low NOx burners and flue gas recirculation)	None	N	N	N	N	N	N	N	N	N	N	n/a	B201 and B203 were not installed.
B202: up to 40 indirect fired natural gas air supply make up units and up to 2 body washers, with low NOx burners, <10 mmBtu/hr each, totaling no more than 90 mmBtu/hr	insignificant	31-03(A)(1)(a)	N	N	N	N	N	N	N	N	N	N	Basis - permanent exemption for fossil fuel-fired boilers less than ten million British thermal units per hour burning only natural gas or distillate oil (with less than or equal to 0.5 per cent by weight sulfur). These units were permitted for PSD emissions tracking purposes only and have no applicability of the Federal Regulations listed under OAC rule 3745-31-03(A)(1). Fuel usage reporting was required quarterly by PTI 04-01357, issued 8/31/2004.
		77-01(U)(1)	N	N	N	N	N	N	N	N	N	N	Basis - “insignificant activities and emissions levels" includes all source categories excluded from the requirements to obtain installation permits or operating permits under 3745-31 of the Administrative Code.
P201: miscellaneous sealer and adhesive application using low VOC materials with	Adhesive materials are used to temporarily secure major body components to one another for alignment purposes prior to welding. Additional sealers and adhesives are added in the body shop subsequent to the welding operations. These sealers are nearly 100% inert inorganic solids and/or polymer solids. A small percentage of the sealers may contain trace amounts of constituents that could volatilize, averaging <0.3 lb VOC/gal excluding water and exempt solvents. In PTI 04-01357, issued August 31, 2004; DaimlerChrysler requested an allowable 12 tons/yr maximum VOC emissions. Hourly emissions were estimated at a potential to emit level of 82 veh/hr (0.12 pound VOC per vehicle) = 9.9 pounds VOC per hour based on the company supplied emissions factors. At 12 tons per year for a 0.3 lb/gal material the throughput equation equates to (12t)(2000#/t)÷(0.3#/gal) = 80,000 gallons per year which could be established as an alternate throughput limitation. In the corresponding operation at the TNAP (0448010414 P008) Chrysler provided a demonstration that numerous sealers and												

no control	adhesives were in use in the facility and that the installation was not subject to a throughput limitation for federal enforceability by virtue of being "surface coating operations with numerous and unpredictable use of coatings containing varying VOC content, where add-on control equipment is not employed". P0110907 as effective 2/15/2013 revised the annual throughput limitation to reflect the permitting determination of P008.												
	9.9 pounds VOC per hour	N	Y	N	N	N	N	N	N	N	N	N	Basis - the BAT determination of OAC rule 3745-31-05(A)(3) as originally established in PTI 04-01357, issued August 31, 2004 and presently enforceable through P0110907 as effective 2/15/2013.The BAT determination included low VOC materials, and minimizing exposure time by proper dispenser and disposal container design. OR,M,R,Rp – The hourly emission limitation was established for PTI purposes to reflect the potential to emit and therefore it is not necessary to develop monitoring, recordkeeping and/or reporting requirements to demonstrate compliance with this limitation. ET – Emissions limitations were established at a potential to emit level of 82 veh/hr (0.12 pound VOC per vehicle) = 9.9 pounds VOC per hour based on the company-supplied emissions factor. No additional testing is required.
	0.3 pound of VOCs per gallon, minus water, as a daily volume weighted average	N	31-21 through 31-27	N	N	Y	N	Y	Y	N	N	N	Basis – a 2004 PSD review definedLAER as low VOC materials of 0.3 lb VOC/gallons minus water and exempt solvents, or less. M,R,Rp - monitoring of VOC emissions from this emissions unit by monthly recordkeeping for compliance coatings or or daily volume weighted average. ET - Coating usage and OC content record-keeping establish compliance. No additional testing is required.
	12 tons of VOC per rolling, 12-month period	N	31-21 through 31-27	N	N	Y	N	Y	Y	N	N	N	Basis - LAER established by the original PSD review of PTI 04-01357, issued August 31, 2004 and presently enforceable through P0110907 as effective 2/15/2013. M,R,Rp – monitoring of VOC emissions from this emissions unit by monthly recordkeeping for coating utilization and VOC content per Ohio EPA recommendations. ET –Coating usage and VOC content record-keeping establish compliance. No additional testing is required.

	3.5 pounds of VOCs per gallon, minus water and exempt solvents, when applying coatings to metallic surfaces	21-09(U)(1)(d)	N	N	N	Y	N	Y	Y	N	N	N	M,R,Rp - monitoring of VOC emissions from this emissions unit by monthly recordkeeping for compliance coatings utilizing OEPA standardized library terms and conditions. ET - Coating usage and VOC content record-keeping establish compliance. No additional testing is required.
	0.010 kg HAP/kg (lb/lb) of adhesive and sealer material used during each month.	N	Y	N	Y	Y	N	Y	Y	N	N	N	Basis - 40 CFR Part 63, Subpart IIII and applicable portions of 40 CFR Part 63, Subpart A, which became applicable to the facility on April 26, 2007. OR,M,R,Rp – this regulation requires that the permittee monitormonthly coating utilization and HAP content and develop and implement a work practice plan based appropriate work practices, such as minimizing exposure time by proper dispenser and disposal container design, and appropriate cleaning techniques to minimize exposure times. ET – Coating usage, record-keeping, and work practices establish compliance. No additional testing is required.
	None	N	N	Y	N	N	N	N	N	N	N	N	ND – the non-photochemically reactive materials restrictions of 21-07(G)(9)(f) are no longer applicable as the revised OAC rule 3745-21-07(G) has been approved into the Ohio SIP.
P202: Body shop finish welding operations with no control, and P203: Body in White (BIW) inspection and grinding process with no control	P202: The body shop assembles the basic uncoated steel vehicle body referred to as the Body in White (BIW). They may utilize robotic-resistance spot welders, metal active gas (MAG) welders, laser welding, tack welding and wire welding. The particulate emissions occur in various locations within the Body Shop. The company demonstrated that BACT was no control based on a cost evaluation. In PTI 04-01357, issued August 31, 2004; emissions were set at 2.05 pounds per hour and 2.5 tons per year as PM10 based on a maximum production of 82 vehicles per hour and 200,064 vehicles per year and an overall emissions rate of 0.025 pounds of PM10 per vehicle. P203: After assembly the BIW is coated in the hi-light booth with highlighting compound and defects are repaired by grinding and/or sanding. The company demonstrated that BACT was no control based on a cost evaluation. In PTI 04-01357, issued August 31, 2004; emissions were set at 2.05 pounds per hour and 2.5 tons per year as PM10 based on a maximum production of 82 vehicles per hour and 200,064 vehicles per year and an overall emissions rate of 0.025 pounds of PM10 per vehicle. In 2012, Chrysler requested that the annual production limitation be removed from the TNAP facility permits (0448011731). Concurrently, KUKA requested that the basis of the emissions limitations in the 2004 permit (PTI 04-01357) be reviewed and that alternate, equivalent operating restrictions be established. The production restriction on K303 at TNAP provided the basis of the enforceability of PTI 04-01357. As designed P202 and P203 were intended to have installed uncontrolled ventilation volumes of 20,000 cfm combined. At the restricted flow a worst case review established the following:												

(2.05 lb/hr)(7000 gr/lb)(1 hr/60 min) ÷ (20000 cfm) = 0.012 gr/cfm

0.012 gr/dscfm became the controlling hourly limitation under P0110907, effective 2/15/2013.

At the restricted flow a worst case review gives:

(2.5 t/yr)(2000 lb/t)(7000 gr/lb)(1 yr/8760 hr)(1 hr/60 min) ÷ (20000 cfm) = 0.0033 gr/cf

0.0033 gr/dscfm became the controlling limitation for compliance with the annual limitation. Compliance with this rate of emissions is required as BAT under P0110907, effective 2/15/2013.

P0110907 as effective 2/15/2013 revised the annual throughput limitation for these sources to an equivalent alternate limitation of 0.0033 gr/dscf and 20,000 cfm.

To demonstrate compliance KUKA conducted one-time indoor air particulate concentrations measurements in the vicinity of the subject emission units on October 18, 2012. The results of the testing confirmed that the emission levels and concentrations of particulate matter are extremely low at an average measured particulate concentration of 0.000041 gr/cuft. An inventory of the installed ventilation equipment estimated the air flow rate out of the facility to be approximately 18,000 cfm.

(0.000041 gr/cuft))(1 lb/7000 gr)(18,000 cfm)(60 min/hr) = 0.006 lb/hr
(0.006 lb/hr)(1 t/2000 lb)(8760 hr/yr) = 0.03 tpy

At these rates, one time testing was considered an adequate demonstration of compliance and no additional monitoring or recordkeeping will be required beyond stack observation for visible emissions.

2.05 pounds of PE per hour and 2.05 pounds of PM10 per hour. 2.5 tons PE per year and 2.5 tons PM10 per year.	N	Y	N	Y	Y	N	Y	Y	N	N	N	Basis – The BAT determination of OAC rule 3745-31-05(A)(3) as originally established in PTI 04-01357, issued August 31, 2004 and presently enforceable through P0110907 as effective 2/15/2013. BAT for PE based on a company-supplied emission estimates. OR,M,R&Rp - the hourly and annual emission limitations represent full PTE at the maximum design limitations of 0.0033 grains (gr) for PE and PM10 per dry standard cubic foot of exhaust gases (dscf) and a volumetric flow rate of 20,000 dry standard cubic feet per minute (dscfm) of exhaust. Compliance will be demonstrated by library conditions for weekly VE observations. ET – one-time testing indicated anaverage measured particulate concentration of 0.000041 gr/cuft and 18,000 cfm. If problems are indicated by the VE M,R&Rp, Method 5 testing will be requested.
5% opacity as a 6-minute average	N	Y	N	N	Y	N	Y	Y	N	N	N	Basis – the BAT determination of OAC rule 3745-31-05(A)(3) as originally established in PTI 04-01357, issued August 31, 2004 and presently enforceable through P0110907 as effective 2/15/2013.

													M, R &Rp – Ohio EPA library terms with Ohio EPA approved weekly visible emission checks will be used to demonstrate continuous compliance with VE. ET – This emission unit has never been tested. If problems are indicated by the prescribed M,R&Rp, Method 9 testing will be requested.
	no visible emissions of fugitive dust from building enclosing the processes comprising this emissions unit.	N	Y	N	N	Y	N	Y	Y	N	N	N	Basis - a review of BAT for PE established a no visible emission restriction to assure any particulate matter which may be generated is contained in the building. M,R&Rp - The weekly visible emission checks will be used to demonstrate continuous compliance with VE. ET – this emission unit has never been tested. If problems are indicated by VE M,R&Rp, Method 22 testing will be requested.
	None	17-07(A)(1)	N	Y	N	N	N	N	N	N	N	N	ND – less stringent than OAC rule 3745-31-05(A)(3). OAC rule 3745-17-07(A)(1) requires 20% opacity as a six-minute average for stack emissions.
	None	17-07(B)(1)	N	Y	N	N	N	N	N	N	N	N	ND – less stringent than OAC rule 3745-31-05(A)(3). OAC rule 3745-17-07(A)(1) requires 20% opacity as a three-minute average for fugitive emissions.
	None	17-08(B),(B)(1)	N	Y	N	N	N	N	N	N	N	N	Basis - SIP requirements for RACT; these requirements are considered to be no more restrictive than the particlulate restrictions established by BACT.
	None	17-11(B)(1)	N	Y	N	N	N	N	N	N	N	N	Basis - SIP requirements for RACT; these requirements are considered to be no more restrictive than the 2.05 lb PE/hr restrictions established by BACT. OAC rule 3745-17-11(B)(1) requires compliance with Table I or Figure II. At 82,000 lbs/hr (82 veh/hr x 1000 lbs/veh) Table I = 49.4 lb PE/hr allowable. At the company provided uncontrolled emissions level of 2.05 pounds per hour Figure II does not apply.
	2.05 pounds PE per hour and 2.5 tons PE per rolling 12-month period for P202 and P203 combined; 2.05 pounds PM10 per hour and 2.5 tons PM10 per	N	31-10 through 31-20	N	Y	Y	N	Y	Y	N	N	N	Basis – The BACT determination of OAC rule 3745-31-10 through 20 as originally established in PTI 04-01357, issued August 31, 2004 and presently enforceable through P0110907 as effective 2/15/2013. BACT for PE was based on a company-supplied emission estimates. OR,M,R&Rp - the annual emission limitations represent full PTE at the maximum design limitations of 0.0033 grains (gr) for PE and PM10 per dry standard cubic foot of exhaust gases (dscf), a volumetric flow rate of 20,000

	rolling, 12-month period for P202 and P203 combined.												dry standard cubic feet per minute (dscfm) of exhaust and 8760 hours per year of operation. (See explanation at the beginning of this section for P202/P203 for method of establishing 0.0033 gr/dscf as controlling limitation on an annual average.) Compliance will be demonstrated by library conditions for weekly VE observations. ET – one-time testing indicated anaverage measured particulate concentration of 0.000041 gr/cuft and 18,000 cfm. If problems are indicated by the VE M,R&Rp, Method 5 testing will be requested.

DRAFT

Division of Air Pollution Control
Title V Permit
for
KUKA Toledo Production Operations

Facility ID:	0448011730
Permit Number:	P0113439
Permit Type:	Renewal
Issued:	7/19/2013
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance

Division of Air Pollution Control
Title V Permit
for
KUKA Toledo Production Operations

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Authorization

Facility ID:	0448011730
Facility Description:	Body Shop portion of Automotive and Light Duty Truck Supplier Park
Application Number(s):	A0047141
Permit Number:	P0113439
Permit Description:	Body Shop portion of Automotive and Light Duty Truck Supplier Park
Permit Type:	Renewal
Issue Date:	7/19/2013
Effective Date:	To be entered upon final issuance
Expiration Date:	To be entered upon final issuance
Superseded Permit Number:	P0088508

This document constitutes issuance of an OAC Chapter 3745-77 Title V permit to:

KUKA Toledo Production Operations
3770 Stickney Avenue
Toledo, OH 43608-1310

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Toledo Department of Environmental Services
348 South Erie Street
Toledo, OH 43604
(419)936-3015

The above named entity is hereby granted a Title V permit pursuant to Chapter 3745-77 of the Ohio Administrative Code. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. You will be sent a notice approximately 18 months prior to the expiration date regarding the renewal of this permit. If you do not receive a notice, please contact the Toledo Department of Environmental Services. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, if a timely renewal application is submitted. A renewal application will be considered timely if it is submitted no earlier than 18 months (540 days) and no later than 6 months (180 days) prior to the expiration date.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:

(1) Standard Term and Condition A. 24., Reporting Requirements Related to Monitoring and Record Keeping Requirements of State-Only Enforceable Permit Terms and Conditions

(2) Standard Term and Condition A. 25., Records Retention Requirements for State-Only Enforceable Permit Terms and Conditions

(3) Standard Term and Condition A. 27., Scheduled Maintenance/Malfunction Reporting

(4) Standard Term and Condition A. 29., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

(Authority for term: ORC 3704.036(A))

2. Monitoring and Related Record Keeping and Reporting Requirements

a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit), the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

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

(2) The date(s) analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of such analyses.

(6) The operating conditions existing at the time of sampling or measurement.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c) The permittee shall submit required reports in the following manner:

(1) All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with Standard Term and Condition A.2.c)(2) below; and each report shall cover the previous calendar quarter. An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(2) Except as may otherwise be provided in the terms and conditions for a specific emissions unit (i.e., in section C. Emissions Unit Terms and Conditions of this Title V permit or, in some cases, in section B. Facility-Wide Terms and Conditions of this Title V permit), all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive

measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this Standard Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this Standard Term and Condition.

See A.29 below if no deviations occurred during the quarter.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

(3) All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with Standard Term and Condition A.2)c)(2) above shall be submitted in the following manner:

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; Standard Terms and Conditions: A.3, A.4, A.5, A.7.e), A.8, A.13, A.15, A.19, A.20, A.21, and A.23 of this Title V permit, as well as any deviations from the requirements in section C. Emissions Unit Terms and Conditions of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not reported in accordance with Standard Term and Condition A.2.c)(2) above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the

insignificant activities or emissions levels (IEU) identified in section B. Facility-Wide Terms and Conditions of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with Standard Term and Condition A.2.c)(2) above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))

(4) Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

(5) Reports of any required monitoring and/or record keeping information shall be submitted to Toledo Department of Environmental Services.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

3. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in Standard Term and Condition A.2.c)(1) above.

(Authority for term: OAC rule 3745-77-07(A)(3)(c))

4. Risk Management Plans

If applicable, the permittee shall develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq. ("Act"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

a) a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or

b) as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

5. Title IV Provisions

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

(Authority for term: OAC rule 3745-77-07(A)(5))

6. Severability Clause

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

(Authority for term: OAC rule 3745-77-07(A)(6))

7. General Requirements

a) The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

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

c) This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with Standard Term and Condition A.11 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

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

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

Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

f) Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable when:

(1) the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or

(2) the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or

(3) a combination of (1) and (2) above.

The permittee shall continue to comply with all applicable OAC Chapter 3745-31 requirements for all regulated air contaminant sources once this permit ceases to be enforceable. The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))

8. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

9. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

10. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these standard terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

11. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a) Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b) This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c) The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d) The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

12. Federal and State Enforceability

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

(Authority for term: OAC rule 3745-77-07(B))

13. Compliance Requirements

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

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

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

(2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

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

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

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

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

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

d) Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

(1) Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.

(2) Compliance certifications shall include the following:

a. An identification of each term or condition of this permit that is the basis of the certification.

b. The permittee's current compliance status.

c. Whether compliance was continuous or intermittent.

d. The method(s) used for determining the compliance status of the source currently and over the required reporting period.

e. Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

(3) Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

14. Permit Shield

a) Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b) This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

15. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

16. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

17. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a) The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b) The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c) The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d) The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e) The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit-to-install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(Authority for term: OAC rule 3745-77-07(I))

18. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

19. Insignificant Activities or Emissions Levels

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-07(A)(1))

21. Air Pollution Nuisance

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

(Authority for term: OAC rule 3745-77-07(A)(1))

22. Permanent Shutdown of an Emissions Unit

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-01)

23. Title VI Provisions

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.

b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.

c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

(Authority for term: OAC rule 3745-77-01(H)(11))

24. Reporting Requirements Related to Monitoring and Record Keeping RequirementsUnder State Law Only

The permittee shall submit required reports in the following manner:

a) Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

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

25. Records Retention RequirementsUnder State Law Only

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

26. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

(Authority for term: OAC rule 3745-77-07(C))

27. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

28. Permit Transfers

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

(Authority for term: OAC rule 3745-77-01(C))

29. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

a) where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in Standard Term and Condition A.2.c)(2); or

b) where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or

c) where the company's responsible official has certified that an emissions unit has been permanently shut down.

B. Facility-Wide Terms and Conditions

1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

   a) None.

2. The permittee is subject to the applicable requirements of 40 CFR Part 63, Subpart A (General Provisions), as set forth in Table 2 of Subpart IIII.

   The following emissions units in this permit are subject to the aforementioned requirements: P201.

3. The following emissions units contained in this permit are subject to 40 CFR Part 63, Subpart IIII: P201. The complete MACT requirements, including the MACT General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the Toledo Division of Environmental Services.

4. The following insignificant emissions units at this facility must comply with all applicable State and federal regulations, as well as any emissions limitations and/or control requirements contained within the identified permit-to-install for the emissions unit. The insignificant emissions units listed below are subject to one or more applicable requirements contained in a permit-to-install or in the SIP approved versions of OAC Chapters 3745-17, 3745-18, 3745-21, and 3745-31, and/or 40 CFR Part 60 or 63:

   a) None

5. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

   a) B202 – air make-up units (less than 10 mmBtu each) with a total installed heat capacity not to exceed 90 mmBtu.

C. Emissions Unit Terms and Conditions

1. P201, KTPO_ADH

Operations, Property and/or Equipment Description:

Miscellaneous sealer and adhesive application using low volatile organic compound (VOC) materials with no control

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (P0110907, effective 2/15/2013)	the emissions of volatile organic compounds (VOC) from all sealers and adhesives utilized in this emissions unit shall not exceed 9.9 pounds volatile organic compounds (VOC) per hour see b)(2)a. through b)(2)c.
b.	OAC rule 3745-31-21 thru 27 (P0110907, effective 2/15/2013)	the emissions of VOC from all sealers and adhesives utilized in this emissions unit shall not exceed 0.3 pound of VOC per gallon, minus water, as a daily volume weighted average, and 12 tons of VOC per rolling, 12-month period see b)(2)d.
c.	OAC rule 3745-21-09(U)(1)(d)	the emissions of VOC from any material which is applied to metallic surfaces shall not exceed 3.5 pounds per gallon, excluding water and exempt solvents
d.	40 CFR Part 63 Subpart A (63.1 through 63.16)	see b)(2)e.
e.	40 CFR Part 63 Subpart IIII (63.3080 through 63.3176) In accordance with 40 CFR 63.3081(b), this emissions unit is an existing automobile, or light-duty	In accordance with 40 CFR 63.3091(c) the average organic hazardous air pollutant (HAP) emissions from all adhesive and sealer materials other than materials used as components of glass bonding systems shall not exceed 0.010

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	truck, surface coating operation located at a facility which is a major source of HAPs subject to the emission limitations/control measures specified in this section	kg/kg (lb/lb) of adhesive and sealer material used during each month. [40 CFR 63.3091(c)]

(2) Additional Terms and Conditions

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

b. The requirements of this rule also include compliance with the requirements of OAC rules 3745-31-21 thru 27 and 40 CFR 63 Subpart IIII.

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

d. The maximum sealer and adhesive usage at this emissions unit shall be limited by the following formula, calculated as a rolling, 12-month summation:

$$12 \text{ tons VOC} \geq \sum_{i=1}^{n}(Q_i)(VOC_i) \div (2000 \text{ pounds/ton})$$

Where:

Q_i = usage of sealer and/or adhesive material *i*, gallons
VOC_i= volatile organic compound content of material *i*, pounds per gallon

e. Table 2 to Subpart IIII of 40 CFR Part 63, provides applicability provisions, definitions, and other general provisions that are applicable to this emissions unit.

c) Operational Restrictions

(1) The permittee shall comply with the applicable operational restrictions required under 40 CFR Part 63, Subpart IIII, including the following sections:

63.3093(a)	Operating restrictions
63.3094(b),(c)	Work practices
63.3094(f)	Availability of work practice plan
63.3100(a),(c)	General compliance requirements
63.3152(a) through (c)	Continuous compliance demonstration

[Authority for term: 40 CFR Part 63 and OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee may elect to comply with the emissions limitation for VOC content as a monthly maximum for all coating repair operations, or as a daily volume weighted average of the materials used in this emissions unit. This election shall be made by advance notification to the Director and shall remain in effect on a calendar month basis

[Authority for term: OAC rule 3745-77-07(C)(1)].

(2) For purposes of compliance with the emissions limitation for material applied to metallic surfaces (3.5 pounds VOC per gallon, excluding water and exempt solvents) the permittee shall collect and record on a monthly basis the following information:

a. the name and identification number of each sealer and adhesive applied to metallic surfaces; and

b. the VOC content, excluding water and exempt solvents, of each sealer and adhesive applied to metallic surfaces.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) For purposes of compliance with the emissions limitation for sealers and adhesives (0.3 pound of VOC per gallon, excluding water, on a daily basis), the permittee shall collect and record the following information for this emissions unit:

a. When using complying coatings for all sealers and adhesives, on a monthly basis:

i. the name and identification number of each sealer and adhesive, as applied; and

ii. the VOC content, excluding water, of each sealer and adhesive, as applied.

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

b. When calculating a daily volume-weighted average VOC content for the sealers and adhesives, on a monthly basis:

i. the name and identification number of each sealer and adhesive, as applied;

ii. the VOC content, excluding water and exempt solvents, and the number of gallons, excluding water and exempt solvents, of each sealer and adhesive, as applied; and

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

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) For purposes of compliance with the rolling, 12-month VOC emissions limitation for sealers and adhesives (12 tons), the permittee shall collect and record on a monthly basis the following information for all sealer and adhesive operations:

a. the company identification for each sealer and adhesive utilized;

b. the number of gallons of each sealer and adhesive utilized, Q_i;

c. the volatile organic compound content of each sealer and adhesive utilized, in pounds per gallon, VOC_i;

d. the total VOC emissions from all sealers and adhesives utilized, in tons; $\sum_{i=1}^{n}(Q_i)(VOC_i) \div$ (2000 pounds/ton), and

e. the rolling, 12-month total quantity of VOC emissions, in tons.

The permittee has sufficient existing records to demonstrate compliance with these limitations during the first twelve months of operation after issuance of this permit.

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

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall comply with the applicable monitoring and recordkeeping requirements required under 40 CFR Part 63, Subpart IIII, including the following sections:

63.3130(a)	Record retention
63.3130(b)	Material supplier's or manufacturer's record retention
63.3130(c)	Recordkeeping requirements specified for coating materials
63.3130(g)	Recordkeeping requirements specified for deviations
63.3130(n)	Recordkeeping requirements related to work practice plans
63.3131(a) through (c)	Recordkeeping form and retention requirements

[Authority for term: 40 CFR Part 63 and OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall notify the Director of any monthly record showing the use of a sealer or adhesive in this emissions unit that was applied to metallic surfaces which exceeded 3.5 pounds VOC per gallon, excluding water and exempt solvents. The notification shall include a copy of such record and shall be submitted within 30 days following the end of the calendar month.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day of the calendar quarter during which the coating line exceeds

the applicable VOC content limitation (0.3 pounds per gallon excluding water) for all sealers and adhesives employed and the actual average VOC content for each such day.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) The permittee shall submit quarterly deviation (excursion) reports that identify each monthly record showing that the VOC emissions from all sealants and adhesives utilized in this emissions unit exceed 12 tons per rolling, 12-month period.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(4) The deviation reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(5) The permittee shall comply with the applicable reporting requirements required under 40 CFR Part 63, Subpart IIII, including the following sections:

63.3120(a)	Semiannual compliance report content
63.3163(e)	Requirements for work practices plan deviations
63.3163(f)	Statement of compliance requirements

[Authority for term: 40 CFR Part 63 and OAC rule 3745-77-07(C)(1)]

(6) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

0.3 pound of volatile organic compounds (VOC) per gallon as a daily volume weighted average, minus water

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d)(3).

If, required, compliance shall be determined through the methods and procedures of OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. 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 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. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

b. Emission Limitation:

3.5 pounds of VOC per gallon, excluding water and exempt solvents.

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d)(2).

If required, compliance shall be determined through the methods and procedures of OAC rule 3745-21-10(B). USEPA Methods 24 and 24A shall be used to determine the VOC content. 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 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. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitations:

9.9 pounds VOC per hour

Applicable Compliance Method:

This emissions limitation was established based on a one-time calculation of the worst case operating scenario (82 jobs/hour) and a company supplied emissions factor (0.12 pound VOC/job). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

12 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance shall be determined through the monitoring and record keeping requirements of d)(4). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation:

0.010 kg/kg (lb/lb) of adhesive and sealer material used during each month.

Applicable Compliance Method:

Compliance with the mass average organic HAP content for each compliance period shall be determined according to the methods and procedures of 40 CFR 63.3152.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

2. P202, KTPO_Weld

Operations, Property and/or Equipment Description:

Body Shop finish welding operations

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (P0110907, effective 2/15/2013)	emissions from all welding operations located at the body shop facility shall not exceed: 2.05 pounds of particulate emissions (PE) per hour, 2.5 tons of PE per year, 2.05 pounds of PM10 per hour, and 2.5 tons of PM10 per year see b)(2)a. through b)(2)d.
b.	OAC rules 3745-31-10 thru 20 (P0110907, effective 2/15/2013)	see b)(2)d. through b)(2)g.
c.	OAC rule 3745-17-07(A)(1)	see b)(2)h.
d.	OAC rule 3745-17-07(B)(1)	see b)(2)h.
e.	OAC rule 3745-17-08(B), (B)(1)	see b)(2)h.
f.	OAC rule 3745-17-11(B)(1)	see b)(2)h.

(2) Additional Terms and Conditions

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

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

c. The permittee shall allow no visible emissions of fugitive dust from building enclosing the processes comprising this emissions unit.

d. The annual emission limitations were established for PTI purposes to reflect the potential to emit for this emissions unit at maximum particulate concentration of 0.0033grains (gr) for PE and PM10 per dry standard cubic foot of exhaust gases (dscf) and a volumetric flow rate of 20,000 dry standard cubic feet per minute (dscfm) of exhaust. This restriction also demonstrates compliance with the hourly emissions limitation. Therefore, provided the grain loading and volumetric flow limitations are satisfied, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

e. The emissions of PE and PM10 from the body shop ventilation system shall not exceed 0.0033 grains per dry standard cubic foot (gr/dscf) of exhaust gases.

f. The combined emissions from all welding and grinding operations located at the body shop facility (P202 and P203) shall not exceed 2.05 pounds of PE per hour or 2.5 tons of PE per rolling, 12-month period.

g. The combined emissions from all welding and grinding operations located at the body shop facility (P202 and P203) shall not exceed 2.05 pounds of PM10 per hour or 2.5 tons of PM10 per rolling, 12-month period.

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

c) Operational Restrictions

(1) The total installed exhaust rate from the body shop building shall not exceed a volumetric flow rate of 20,000 dry standard cubic feet per minute (dscfm).

[Authority for term: OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack and for any visible fugitive particulate emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and

e. any corrective actions taken to eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit semiannual written reports that identify:

a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit;

b. all days during which any visible emissions of fugitive dust were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit; and

c. any corrective actions taken to minimize or eliminate the visible particulate emissions from the stack and/or visible emissions of fugitive dust.

These reports shall be submitted to the Director by January 31 and July 31 of each year and shall cover the previous 6-month period.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The deviation reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

5% opacity as a 6-minute average

Applicable Compliance Method:

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

b. Emission Limitation:

no visible emissions of fugitive dust

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 using the methods and procedures specified in OAC rule 3745-17-03(B)(4). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation:

2.05 pounds of PE per hour, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.05 pounds of PE per hour.

Applicable Compliance Method:

Compliance may be demonstrated by a calculation based on the exhaust gas particulate concentration (gr/dscf) multiplied by the maximum combined exhaust gas flow rate (dscfm) and 60 minutes per hour and then divided by 7000 grains per pound. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

2.5 tons of PE per year, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.5 tons of PE per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation based on a worst case operating scenario of the maximum exhaust gas particulate concentration (0.0033 gr/dscf) multiplied by the maximum combined exhaust gas flow rate (combined total of 20,000 dscfm) multiplied by 60 minutes per hour and 8760 hours per year, and divided by 7000 grains per pound and 2000 pounds per ton. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

If required, the permittee shall establish site specific emissions factors through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation:

2.05 pounds of PM10 per hour, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.05 pounds of PM10 per hour.

Applicable Compliance Method:

Compliance may be demonstrated by a calculation based on the exhaust gas particulate concentration (gr/dscf) multiplied by the maximum combined exhaust gas flow rate (dscfm) and by 60 minutes per hour and then divided by 7000 grains per pound. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

If required, the permittee shall establish site specific emissions factors in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

f. Emission Limitation:

2.5 tons of PM10 per year, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.5 tons of PM10 per rolling, 12-month period

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation based on a worst case operating scenario of the maximum exhaust gas particulate concentration (0.0033 gr/dscf) multiplied by the maximum combined exhaust gas flow rate (combined total of 20,000 dscfm) multiplied by 60 minutes per hour and 8760 hours per year, and divided by 7000 grains per pound and 2000 pounds per

ton. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

If required, the permittee shall establish site specific emissions factors through emission testing performed in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.

3. P203, KTPO_BIW

Operations, Property and/or Equipment Description:

Body in White (BIW) inspection and grinding process

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3) (P0110907, effective 2/15/2013)	emissions from all grinding operations located at the body shop facility shall not exceed: 2.05 pounds of particulate emissions (PE) per hour, 2.5 tons of PE per year, 2.05 pounds of PM10 per hour, and 2.5 tons of PM10 per year see b(2)a. through b)(2)d.
b.	OAC rules 3745-31-10 thru 20 (P0110907, effective 2/15/2013)	see b)(2)d. through b)(2)g.
c.	OAC rule 3745-17-07(A)(1)	see b)(2)h.
d.	OAC rule 3745-17-07(B)(1)	see b)(2)h.
e.	OAC rule 3745-17-08(B), (B)(1)	see b)(2)h.
f.	OAC rule 3745-17-11(B)(1)	see b)(2)h.

(2) Additional Terms and Conditions

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

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

c. The permittee shall allow no visible emissions of fugitive dust from building enclosing the processes comprising this emissions unit.

d. The annual emission limitations were established for PTI purposes to reflect the uncontrolled potential to emit for this emissions unit at maximum particulate concentration of 0.0033 grains (gr) for PE and PM10 per dry standard cubic foot of exhaust gases (dscf) and a volumetric flow rate of 20,000 dry standard cubic feet per minute (dscfm) of exhaust. This restriction also demonstrates compliance with the hourly emissions limitation. Therefore, provided the grain loading and volumetric flow limitations are satisfied, it is not necessary to develop monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

e. The emissions of PE and PM10 from the body shop ventilation system shall not exceed 0.0033 grains per dry standard cubic foot (gr/dscf) of exhaust gases.

f. The combined emission from all welding and grinding operations located at the body shop facility (P202 and P203) shall not exceed 2.05 pounds of PE per hour or 2.5 tons of PE per rolling, 12-month period.

g. The combined emission from all welding and grinding operations located at the body shop facility (P202 and P203) shall not exceed 2.05 pounds of PM10 per hour or 2.5 tons of PM10 per rolling, 12-month period.

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

c) Operational Restrictions

(1) The total installed exhaust rate from the body shop building shall not exceed a volumetric flow rate of 20,000 dry standard cubic feet per minute (dscfm).

[Authority for term: OAC rule 3745-77-07(A)(1)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack and for any visible fugitive particulate emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and

any corrective actions taken to eliminate the visible emissions. If visible emissions are present, a visible emissions incident has occurred. The observer does not have to

document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

[Authority for term: OAC rule 3745-77-07(C)(1)]

e) Reporting Requirements

(1) The permittee shall submit semiannual written reports that identify:

a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit;

b. all days during which any visible emissions of fugitive dust were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit; and

c. any corrective actions taken to minimize or eliminate the visible particulate emissions from the stack and/or visible emissions of fugitive dust.

These reports shall be submitted to the Director by January 31 and July 31 of each year and shall cover the previous 6-month period.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(2) The deviation reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

[Authority for term: OAC rule 3745-77-07(C)(1)]

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

[Authority for term: OAC rule 3745-77-07(C)(1)]

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

5% opacity as a 6-minute average

Applicable Compliance Method:

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

b. Emission Limitation:

no visible emissions of fugitive dust

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22 using the methods and procedures specified in OAC rule 3745-17-03(B)(4). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

c. Emission Limitation:

2.05 pounds of PE per hour, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.05 pounds of PE per hour.

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation based on an exhaust gas particulate concentration (0.012 gr/dscf) multiplied by the maximum combined exhaust gas flow rate (combined total of 20,000 dscfm) and 60 minutes per hour and then divided by 7000 grains per pound. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 dscfm.

If required, the permittee shall demonstrate compliance with this emission limitation through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

d. Emission Limitation:

2.5 tons of PE per year, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.5 tons of PE per rolling, 12-month period.

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation based on a worst case operating scenario of the maximum exhaust gas particulate concentration (0.0033 gr/dscf) multiplied by the maximum combined exhaust gas flow rate (combined total of 20,000 dscfm) multiplied by 60 minutes per hour and 8760 hours per year, and divided by 7000 grains per pound and 2000 pounds per ton. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

If required, the permittee shall establish site specific emissions factors through emission testing performed in accordance with Methods 1 thru 5 of 40 CFR Part 60 Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

e. Emission Limitation:

2.05 pounds of PM10 per hour, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.05 pounds of PE per hour.

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation based on an exhaust gas particulate concentration (0.012 gr/dscf) multiplied by the maximum combined exhaust gas flow rate (combined total of 20,000 dscfm) and 60 minutes per hour and then divided by 7000 grains per pound. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

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

f. Emission Limitation:

2.5 tons of PM10 per year, and

the combined emission from all welding and grinding operations located at the body shop facility shall not exceed 2.5 tons of PM10 per rolling, 12-month period.

Applicable Compliance Method:

This emission limitation was developed by a one-time calculation based on a worst case operating scenario of the maximum exhaust gas particulate concentration (0.0033 gr/dscf) multiplied by the maximum combined exhaust gas flow rate (combined total of 20,000 dscfm) multiplied by 60 minutes per hour and 8760 hours per year, and divided by 7000 grains per pound and 2000 pounds per

ton. Testing performed on October 18, 2012 demonstrated a particulate concentration of 0.000041 gr/cuft at 18,000 scfm.

If required, the permittee shall establish site specific emissions factors through emission testing performed in accordance with methods and procedures of Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

[Authority for term: OAC rule 3745-77-07(C)(1)]

g) Miscellaneous Requirements

(1) None.