



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: July 13, 2011

RE: Lafayette Quality Products, Inc / 157-30536-00464

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot12/3/07



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Ron Kuntz
Lafayette Quality Products, Inc.
P.O. Box 5827
Lafayette, Indiana, 47903

July 13, 2011

Re: Exempt Construction and Operation Status,
E157-30536-00464

Dear Ron Kuntz:

The application from Lafayette Quality Products, Inc., received on May 11, 2011, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-1.1-3, it has been determined that the following stationary new subcontractor to the department of defense and metal coating plant located at 111 Farabee Drive, Lafayette, IN 47905 is classified as exempt from air pollution permit requirements:

- (a) One(1) computerized robotic paint cell, identified as RPC, approved for construction in 2011, with a maximum capacity of seventy-two (72) units per hour, equipped with one (1) air atomization spray gun for surface coating of custom machined aluminum parts, using twelve (12) filters as control, and exhausting to stack S1.
- (b) One (1) natural gas-fired drying oven, identified as RPC oven, approved for construction in 2011, with a maximum heat input capacity of 0.4 million British thermal units per hour (MMBtu/hr), and exhausting to stack S2.
- (c) Machining operations, consisting of the following:
 - (1) Three (3) Mazak PFH-5800 machine pallettech systems, with 24 pallets and laser tool setting breakage detectors (4 Axis - 360 tools), constructed in 1994, 1996 and 1998, each with a maximum capacity of 5.0 pounds of metal per hour, and exhausting to the indoors.
 - (2) One (1) Mazak HCN-5000 machine pallettech systems, with 6 pallets and laser tool setting breakage detectors (4 Axis - 120 tools), constructed in 2010, with a maximum capacity of 3.2 pounds of metal per hour, and exhausting to the indoors.
 - (3) One (1) Mazak Nexus 510C vertical machining center (3 Axis - 30 tools), constructed in 2005, with a maximum capacity of 2.4 pounds of metal per hour, and exhausting to the indoors.
 - (4) Three (3) Mazak VTC16A machining centers (3 Axis - 20 tools), constructed in 1995 through 1997, each with a maximum capacity of 0.5 pounds of metal per hour, and exhausting to the indoors.
 - (5) Three (3) Mazak FJV-20 machining centers (3 Axis - 30 tools), constructed in 1996, each with a maximum capacity of 3.0 pounds of metal per hour, and exhausting to the indoors.
 - (6) One (1) Mazak HP250 turning center, constructed in 1991, with a maximum capacity of 3.3 pounds of metal per hour, and exhausting to the indoors.

- (7) One (1) Strippit fabricator (40 tool), constructed in 1986, with a maximum capacity of 4.3 pounds of metal per hour, performing punching operations, and exhausting to the indoors.
- (8) One (1) Cincinnati Shear, constructed in 1968, with a maximum capacity of 60 - 1/4 inches metal, performing shearing operations, and exhausting to the indoors.
- (9) Six (6) press brake machines, performing bending operations, exhausting to the indoors, consisting of the following:
 - (A) Amada HD8025NT press brake 80 ton, approved for construction in 2011.
 - (B) Amada FAB50 D press brake 50 ton, constructed in 1990.
 - (C) Chicago press brake 90 ton, constructed in 1968.
 - (D) Di-Acro Houdaille press brake 50 ton, constructed in 1989.
 - (E) Di-Acro press brake 15 ton, constructed in 1979.
 - (F) Niagra press brake 15 ton, constructed in 1975.
- (10) One (1) Brown and Sharpe Coordinate measuring machine, constructed in 1999.

The following conditions shall be applicable:

1. 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
 - (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
2. 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.
3. 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2(d), particulate emissions from the computerized robotic paint cell, identified as RPC, shall be controlled by a dry filter, waterwash, or an equivalent control device. The control device shall be operated in accordance with the manufacturer's specification.

If overspray is visibly detected at the exhaust or accumulates on the ground the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such an observation:

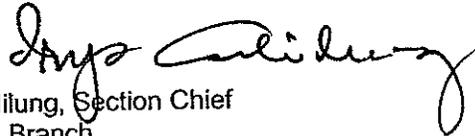
- (1) Repair the control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visible detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

This exemption is the first air approval issued to this source. A copy of the Exemption is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>. For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source. If you have any questions on this matter, please contact Sarah Conner, Ph. D., OAQ, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana, 46204-2251, at 317-234-6555 or at 1-800-451-6027 (ext 4-6555).

Sincerely,



Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/slc

cc: File - Tippecanoe County
Tippecanoe County Health Department
Compliance and Enforcement Branch
Billing, Licensing and Training Section

**Indiana Department of Environmental Management
Office of Air Quality**

Technical Support Document (TSD) for an Exemption

Source Description and Location

Source Name: Lafayette Quality Products, Inc.
Source Location: 111 Farabee Drive, Lafayette, IN 47905
County: Tippecanoe
SIC Code: 3499 (Fabricated Metal Products, Not Elsewhere Classified)
Exemption No.: E157-30536-00464
Permit Reviewer: Sarah Conner, Ph. D.

On May 11, 2011, the Office of Air Quality (OAQ) received an application from Lafayette Quality Products, Inc. related to the construction and operation of a new subcontractor to the department of defense and metal coating plant.

Existing Approvals

There have been no previous approvals issued to this source.

County Attainment Status

The source is located in Tippecanoe County.

Pollutant	Designation
SO ₂	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O ₃	Unclassifiable or attainment effective June 15, 2004, for the 8-hour ozone standard. ¹
PM ₁₀	Unclassifiable effective November 15, 1990.
NO ₂	Cannot be classified or better than national standards.
Pb	Not designated.
¹ Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005. Unclassifiable or attainment effective April 5, 2005, for PM _{2.5} .	

(a) Ozone Standards

Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Tippecanoe County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

- (b) **PM_{2.5}**
Tippecanoe County has been classified as attainment for PM_{2.5}. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for PM_{2.5} emissions. These rules became effective on July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM10 emissions as a surrogate for PM_{2.5} emissions until 326 IAC 2-2 is revised.
- (c) **Other Criteria Pollutants**
Tippecanoe County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

The fugitive emissions of criteria pollutants and hazardous air pollutants are counted toward the determination of 326 IAC 2-1.1-3 (Exemptions) applicability.

Background and Description of Emission Units and Pollution Control Equipment

The Office of Air Quality (OAQ) has reviewed an application, submitted by Lafayette Quality Products, Inc. on May 11, 2011, relating to the construction and operation of a new contract manufacturing per customer drawings and metal coating plant.

The source consists of the following existing emission units:

- (a) One(1) computerized robotic paint cell, identified as RPC, approved for construction in 2011, with a maximum capacity of seventy-two (72) units per hour, equipped with one (1) air atomization spray gun for surface coating of custom machined aluminum parts, using twelve (12) filters as control, and exhausting to stack S1.
- (b) One (1) natural gas-fired drying oven, identified as RPC oven, approved for construction in 2011, with a maximum heat input capacity of 0.4 million British thermal units per hour (MMBtu/hr), and exhausting to stack S2.
- (c) Machining operations, consisting of the following:
- (1) Three (3) Mazak PFH-5800 machine pallettech systems, with 24 pallets and laser tool setting breakage detectors (4 Axis - 360 tools), constructed in 1994, 1996 and 1998, each with a maximum capacity of 5.0 pounds of metal per hour, and exhausting to the indoors.
 - (2) One (1) Mazak HCN-5000 machine pallettech systems, with 6 pallets and laser tool setting breakage detectors (4 Axis - 120 tools), constructed in 2010, with a maximum capacity of 3.2 pounds of metal per hour, and exhausting to the indoors.
 - (3) One (1) Mazak Nexus 510C vertical machining center (3 Axis - 30 tools), constructed in 2005, with a maximum capacity of 2.4 pounds of metal per hour, and exhausting to the indoors.
 - (4) Three (3) Mazak VTC16A machining centers (3 Axis - 20 tools), constructed in 1995 through 1997, each with a maximum capacity of 0.5 pounds of metal per hour, and exhausting to the indoors.
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 - (C) Chicago press brake 90 ton, constructed in 1968.
 - (D) Di-Acro Houdaille press brake 50 ton, constructed in 1989.
 - (E) Di-Acro press brake 15 ton, constructed in 1979.
 - (F) Niagra press brake 15 ton, constructed in 1975.
- (10) One (1) Brown and Sharpe Coordinate measuring machine, constructed in 1999.

Enforcement Issues

There are no pending enforcement actions related to this source.

Emission Calculations

See Appendix A of this TSD for detailed emission calculations.

Permit Level Determination – Exemption

The following table reflects the unlimited potential to emit (PTE) of the entire source before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Process/ Emission Unit	Potential To Emit of the Entire Source (tons/year)									
	PM	PM10*	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e**	Total HAPs	Worst Single HAP
Computerized robotic paint cell (RPC)	3.147	3.147	3.147	-	-	2.465	-	-	0.683	0.28 (Toluene)
RPC Oven	0.003	0.013	0.013	0.001	0.172	0.009	0.144	207.37	0.003	0.003 (Hexane)
Machining Operations	0.601	0.601	0.601	-	-	-	-	-	-	-
Paved Roads	0.008	1.56E-03	2.05E-04	-	-	-	-	-	-	-
Total PTE of Entire Source	3.76	3.76	3.76	0.00	0.17	2.47	0.14	207.37	0.69	0.28 (Toluene)
Exemptions Levels	5	5	5	10	10	10	25	100,000	25	10
negl. = negligible * Under the Part 70 Permit program (40 CFR 70), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM10), not particulate matter (PM), is considered as a "regulated air pollutant". **The 100,000 CO ₂ e threshold represents the Title V and PSD subject to regulation thresholds for GHGs in order to determine whether a source's emissions are a regulated NSR pollutant under Title V and PSD.										

- (a) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1(16)) of all regulated criteria pollutants are less than the levels listed in 326 IAC 2-1.1-3(e)(1). Therefore, the source is subject to the provisions of 326 IAC 2-1.1-3 (Exemptions).
- (b) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1(16)) of any single HAP is less than ten (10) tons per year and the PTE of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-7.
- (c) The potential to emit (PTE) (as defined in 326 IAC 2-1.1-1) greenhouse gases (GHGs) is less than the Title V subject to regulation threshold of one hundred thousand (100,000) tons of CO₂ equivalent emissions (CO₂e) per year. Therefore, the source is not subject to the provisions of 326 IAC 2-7.

Federal Rule Applicability Determination

New Source Performance Standards (NSPS)

- (a) The requirements of the New Source Performance Standard for Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR 60.390, Subpart MM (326 IAC 12), are not included in the permit because this source does not assemble automobile or light-duty trucks.
- (b) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP)

- (c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks, Subpart IIII (326 IAC 20-85) are not included in the permit, since this source is not a major source of HAPs and does not coat automobiles and trucks.

- (d) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Plastic Parts and Products, 40 CFR 63.4480, Subpart PPPP (326 IAC 20-81), are not included in the permit, since this source does not coat plastic parts and products and is not a major source of HAPs.
- (e) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Surface Coating of Miscellaneous Metal Parts and Products, 40 CFR 63.388, Subpart MMMM, are not included in the permit, since this source is not a major source of HAPs.
- (f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs): Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, Subpart HHHHHH are not included in the permit, since pursuant to 40 CFR 63.11169(d), this subpart does not apply to any of the surface coating activities described in 40 CFR 63.11169(d)(1) through 63.11169 (d)(6). In addition, the facilities are exempt from the requirements of this rule pursuant to 63.11169(d)(2) because they are a subcontractor to the department of defense and they perform metal coating of military munitions, as defined in §63.11180.
- (g) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs) Area Source Standards for Nine Metal Fabrication and Finishing Source Categories, Subpart XXXXXX are not included in the permit because this source is not primarily engaged in the operations in one of the nine source categories listed in paragraphs (a)(1) through (9) of 40 CFR 63.11514.
- (h) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs): Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries, Subpart ZZZZZZ are not included in the permit because the source does not own or operate an aluminum foundry, copper foundry, or other nonferrous foundry as defined in 40 CFR 63.11556.

Compliance Assurance Monitoring (CAM)

- (i) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability Determination

The following state rules are applicable to the source:

- (a) 326 IAC 2-1.1-3 (Exemptions)
Exemption applicability is discussed under the Permit Level Determination – Exemption section above.
- (b) 326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The potential to emit of any single HAP is less than ten (10) tons per year and the potential to emit of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA) and not subject to the provisions of 326 IAC 2-4.1.
- (c) 326 IAC 2-6 (Emission Reporting)
Pursuant to 326 IAC 2-6-1, this source is not subject to this rule, because it is not required to have an operating permit under 326 IAC 2-7 (Part 70), it is not located in Lake, Porter, or LaPorte County, and it does not emit lead into the ambient air at levels equal to or greater than 5 tons per year. Therefore, 326 IAC 2-6 does not apply.

- (d) 326 IAC 5-1 (Opacity Limitations)
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- (e) 326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4.
- (f) 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
The source is not subject to the requirements of 326 IAC 6-5, because the source does not have potential fugitive particulate emissions greater than 25 tons per year. Therefore, 326 IAC 6-5 does not apply.
- (g) 326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
Each of the emission units at this source is not subject to the requirements of 326 IAC 8-1-6, since the unlimited VOC potential emissions from each emission unit is less than twenty-five (25) tons per year.

RPC

- (h) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-2(d), particulate emissions from the computerized robotic paint cell, identified as RPC, shall be controlled by a dry filter, waterwash, or an equivalent control device. The control device shall be operated in accordance with the manufacturer's specification.

If overspray is visibly detected at the exhaust or accumulates on the ground the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such an observation:

- (1) Repair the control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.
- (2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visible detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

- (i) 326 IAC 8-2 (Surface Coating Emission Limitations)
The computerized robotic paint cell, identified as RPC, approved for construction in 2011, has actual emissions of less than fifteen (15) pounds of VOC per day before add-on controls. The maximum uncontrolled potential to emit from the RPC is 13.5 pounds of VOC per day (see Appendix A of this tsd for calculations). Therefore, the computerized robotic paint cell is not

subject to the requirements of 326 IAC 8-2-9 Miscellaneous metal and plastic coating operations because it does not meet the applicability pursuant to 326 IAC 8-2-1(a)(4).

RPC oven

- (j) 326 IAC 6-2 (Particulate Emission Limitations for Sources of Indirect Heating)
The RPC oven is exempt from the requirements of 326 IAC 6-2 since it is a source of direct heating.
- (k) 326 IAC 7-1 (Sulfur Dioxide Emissions Limitations)
The requirements of 326 IAC 7-1.1 are not applicable to the RPC oven because the potential to emit sulfur dioxide (SO₂) from the RPC oven is less than ten (10) pounds per hour and twenty-five (25) tons per year.
- (l) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
The natural gas-fired drying oven has potential emissions less than five hundred fifty-one thousandths (0.551) pound per hour. In addition, pursuant to 326 IAC 1-2-59(a), liquid and gaseous fuels and combustion air will not be considered as part of the process weight. Therefore, pursuant to 326 IAC 6-3-1(b)(14), the natural gas-fired drying oven at the source is exempt from this rule.

Machining Operations

- (m) 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(14), the requirements of 326 IAC 6-3-2 do not apply to the machining operations because manufacturing processes with potential emissions less than five hundred fifty-one thousandths (0.551) pound per hour are exempt from the requirements of 326 IAC 6-3.

Conclusion and Recommendation

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant. An application for the purposes of this review was received on May 11, 2011. Additional information was received on June 17, 2011.

The construction and operation of this source shall be subject to the conditions of the attached proposed Exemption No. 157-30536-00464. The staff recommends to the Commissioner that this Exemption be approved.

IDEM Contact

- (a) Questions regarding this proposed permit can be directed to Sarah Conner, Ph. D. at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCM 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) (234-6555) or toll free at 1-800-451-6027 extension (4-6555).
- (b) A copy of the findings is available on the Internet at: <http://www.in.gov/ai/appfiles/idem-caats/>
- (c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

Lafayette Quality Products, Inc.
Lafayette, Indiana
Permit Reviewer: Sarah Conner, Ph. D.

Page 8 of 8
TSD for Exemption No. E157-30536-00464

**Appendix A: Emissions Calculations
Summary**

**Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011**

Emission Unit	Uncontrolled PTE (tons/year)									
	PM	PM10	PM2.5	SO ₂	NO _x	VOC	CO	GHGs as CO ₂ e	Total HAPs	Single HAP
Computerized robotic paint cell (RPC)	3.147	3.147	3.147	-	-	2.465	-	-	0.683	0.28 (Toluene)
RPC Oven	0.003	0.013	0.013	0.001	0.172	0.009	0.144	207.372	0.003	0.003 (Hexane)
Machining Operations	0.601	0.601	0.601	-	-	-	-	-	-	-
Paved Roads	0.008	1.56E-03	2.05E-04	-	-	-	-	-	-	-
TOTAL	3.76	3.76	3.76	0.00	0.17	2.47	0.14	207.37	0.69	0.28 (Toluene)

**Appendix A: Emission Calculations
VOC and Particulate Emissions from Surface Coating Operations**

**Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011**

Process ID	Material	Density (lb/gal)	Weight % Volatiles	Volume % Non-Volatiles (solids)	Max. Usage (gal/unit)	Maximum Throughput (unit/hour)	Pounds VOC per Gallon of Coating	PTE of VOC (ton/yr)	Transfer Efficiency	PTE of PM/PM10/PM2.5 Uncontrolled (ton/yr)	Control Efficiency	PTE of PM/PM10/PM2.5 Controlled (ton/yr)
RPC	MIL-PRF-85285D Catalyst, Component B	9.34	13.6%	83.0%	0.00056	72.0	1.27	0.22	50.0%	0.7	80.0%	0.14
	MIL-PRF-85285D, Type 1, Class H two component topcoat with Component B	12.40	28.1%	63.0%	0.00224	72.0	3.49	2.47	50.0%	3.1	80.0%	0.55
	MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part A)	13.21	21.7%	59.0%	0.00168	72.0	2.87	1.52	50.0%	2.7	80.0%	0.41
	MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part B) Hardener	7.52	74.3%	20.0%	0.00056	72.0	5.59	0.99	50.0%	0.2	80.0%	0.03
	MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part A) and (Part B) Hardener	12.07	27.7%	50.5%	0.00224	72.0	3.34	2.36	50.0%	3.1	80.0%	0.43
								2.47		3.15		0.55

METHODOLOGY

Pounds of VOC per Gallon Coating = Taken from MSDS sheet

Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)

Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)

Total = Worst Coating + Sum of all solvents used

Calculation:

Square inches of part = 196 inches

Coverage of 1 part = 900 square feet per gallon = $\sqrt{900} = 30$ feet = 30ft*12 inches/1ft= (360)² inches = 129600 square inches per gallon coverage

Divide 196 square inches of part by 129600 square inches per gallon coverage = coverage in gallon per part = 196/129600 = 0.0015

MAXIMUM USAGE (gal/unit) provided by source

MIL-SPEC FS37038 KIT (INCLUDES TOP COAT AND CATALYST) = .001519

MIL-PRF-85285D CATALYST COMPONENT B = .000560

MIL-DTL-53022D TYPE II PRIMER PART A = .001680

**Appendix A: Emission Calculations
HAP Emissions from Surface Coating Operations**

Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011

Process ID	Material	Density (lb/gal)	Max. Usage (gal/unit)	Maximum Throughput (unit/hour)	Weight % Hexamethylene Diisocyanate	Weight % Toluene	Weight % Ethylbenzene	Weight % Hexane	Weight % 1,2,4 - Trimethylbenzene	Weight % Zinc Compound	Weight % 1- Butanol	Weight % 4,4 Isopropylidenediphenol
Computerized robotic paint cell (RPC)	¹ MIL-PRF-85285D Catalyst, Component B	9.34	0.00056	72.00	0.20%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%
	² MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part A)	13.21	0.00168	72.00	0.00%	4.00%	0.10%	1.00%	0.00%	3.00%	0.00%	0.00%
	² MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part B) Hardener	7.52	0.00056	72.00	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	2.00%	4.00%

Process ID	Material	Density (lb/gal)	Max. Usage (gal/unit)	Maximum Throughput (unit/hour)	PTE of Hexamethylene Diisocyanate (tons/yr)	PTE of Toluene (tons/yr)	PTE of Ethylbenzene (tons/yr)	PTE of Hexane (tons/yr)	PTE of 1,2,4 - Trimethylbenzene (tons/yr)	PTE of Zinc Compound (tons/yr)	PTE of 1- Butanol (tons/yr)	PTE of 4,4 Isopropylidenediphenol (tons/yr)	Total Combined HAPs
Computerized robotic paint cell (RPC)	¹ MIL-PRF-85285D Catalyst, Component B	use above			0.003	0.000	0.000	0.000	0.033	0.000	0.000	0.000	0.036
	² MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part A)				0.000	0.280	0.007	0.070	0.000	0.210	0.000	0.000	0.567
	² MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part B) Hardener				0.000	0.266	0.000	0.000	0.000	0.000	0.027	0.053	0.345

Total Single Worst HAP from source	0.00	0.28	0.01	0.07	0.03	0.21	0.03	0.05
Total Combined HAPs from source	0.68							

Note 1: MIL-PRF-85285D, Type 1, Class H two component topcoat with Component B as applied data sheet did not contain HAPs information. Therefore, the PTE of HAPs were calculated using the data sheet for MIL-PRF-85285D Catalyst, Component B alone.

Note 2: MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part A) and (Part B) Hardener as applied data sheet did not contain HAPs information. Therefore, the PTE of HAPs were calculated using the data sheet for MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part A) alone and for MIL-DTL-53022D Type II Primer, Corrosion Inhibiting (Part B) Hardener alone.

METHODOLOGY

PTE of HAPS (tons/yr) = Density (lb/gal) x Max. Usage (gal/unit) x Max. Throughput (unit/hr) x Weight % HAP x 8760 hrs/yr x 1 ton/2000 lbs

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
Direct Heating Units**

Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011

# of Emission Units	Emission Unit Description	Total Heat Input Capacity (MMBtu/hr)
1	RPC oven	0.40

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

0.40

3.4

for all direct heating units

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	PM2.5	SO ₂	NOx	VOC	CO
	1.9	7.6	7.6	0.6	100.0	5.5	84.0
					**see below		
Potential Emission in tons/yr	0.003	0.013	0.013	0.001	0.172	0.009	0.144

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,020,000 Cubic Feet of Gas

NOx and CO Emission Factors are from AP 42, Chapter 1.4, Table 1.4-1

PM, SO₂, CO₂, N₂O and Methane Emission Factors are from AP 42, Chapter 1.4, Table 1.4-2

PTE (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

See next page for HAPs emissions calculations.

**Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100
HAPs Emissions
Direct Heating Units**

Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011

HAPs - Organics					
Emission Factor in lb/MMcf	Benzene 2.1E-03	Dichlorobenzene 1.2E-03	Formaldehyde 7.5E-02	Hexane 1.8E+00	Toluene 3.4E-03
Potential Emission in tons/yr	3.61E-06	2.06E-06	0.0001	0.0031	5.84E-06

HAPs - Metals						
Emission Factor in lb/MMcf	Lead 5.0E-04	Cadmium 1.1E-03	Chromium 1.4E-03	Manganese 3.8E-04	Nickel 2.1E-03	Total
Potential Emission in tons/yr	8.59E-07	1.89E-06	2.40E-06	6.53E-07	3.61E-06	0.003

Methodology is the same as previous page.

Organic HAPs Emission Factors are from AP 42, Chapter 1.4, Table 1.4-3

Metal HAPs Emission Factors are from AP 42, Chapter 1.4, Table 1.4-4

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4, Tables 1.4-3 and 1.4-4

**Appendix A: Emissions Calculations
 Natural Gas Combustion Only
 MM BTU/HR <100
 Greenhouse Gas Emissions**

Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	206.1	0.0	0.0
Summed Potential Emissions in tons/yr	206.13		
CO2e Total in tons/yr	207.37		

Methodology

The N2O Emission Factor for uncontrolled is 2.2. The N2O Emission Factor for low Nox burner is 0.64.
 Emission Factors are from AP 42, Table 1.4-2 SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03.
 Greenhouse Warming Potentials (GWP) from Table A-1 of 40 CFR Part 98 Subpart A.
 Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton
 CO2e (tons/yr) = CO2 Potential Emission ton/yr x CO2 GWP (1) + CH4 Potential Emission ton/yr x CH4 GWP (21) + N2O
 Potential Emission ton/yr x N2O GWP (310).

**Appendix A: Emissions Calculations
Machining**

Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011

Emission Unit	Maximum Capacity (pounds/day)	Scrap Metal Shavings (lbs/day)	Scrap Metal Shavings		Potential PM/PM10/PM2.5 Emissions	
			(lbs/hr)	(tons/yr)	(lbs/hr)	(tons/yr)
Mazak PFH-5800	40	32	4.00	17.52	0.02	0.09
Mazak PFH-5800	40	32	4.00	17.52	0.02	0.09
Mazak PFH-5800	40	32	4.00	17.52	0.02	0.09
Mazak HCN-5000	25	15	1.88	8.21	0.01	0.04
Mazak Nexus 510C	19	4	0.50	2.19	0.00	0.01
Mazak VTC16A	2	0.99	0.12	0.54	0.00	0.00
Mazak VTC16A	2	0.99	0.12	0.54	0.00	0.00
Mazak VTC16A	2	0.99	0.12	0.54	0.00	0.00
Mazak FJV-20	23	20	2.50	10.95	0.01	0.05
Mazak FJV-20	23	20	2.50	10.95	0.01	0.05
Mazak FJV-20	23	20	2.50	10.95	0.01	0.05
Mazak HP250	26	22.5	2.81	12.32	0.01	0.06
Strippit fabricator	34	19	2.38	10.40	0.01	0.05
					Total (tons/yr)	0.60

Note:

Conservatively assumes 0.5% of material loss emitted as particulate emissions.

Assumed PM = PM10 = PM2.5

Potential Emissions from the Cincinnati Shear, six (6) press brake machines, and Brown and Sharpe Coordinate measuring machine, processes are expected to be negligible, therefore no PTE calculations have been performed.

Methodology

Scrap Metal Shavings (lbs/day) provided by Permittee

Scrap Metal Shavings (lbs/hr) = Scrap Metal Shavings (lbs/day) / 8 hours

Scrap Metal Shavings (ton/yr) = Scrap Metal Shavings (lbs/hr) x 8760 hours x 1 ton/2,000 pounds

Potential PM/PM10/PM2.5 (lbs/hr) = Scrap Metal Shavings (lbs/hr) x 0.5% Material Loss as Particulate

Potential PM/PM10/PM2.5 (tons/yr) = Potential PM/PM10/PM2.5 (lbs/hr) x 8760 hours x 1 ton/2,000 pounds

**Appendix A: Emission Calculations
Fugitive Dust Emissions - Paved Roads**

Company Name: Lafayette Quality Products, Inc.
Address City IN Zip: 111 Farabee Drive, Lafayette, IN 47905
Exemption Number: E157-30536-00464
Reviewer: Sarah Conner, Ph. D.
Date: 6/20/2011

Paved Roads at Industrial Site

The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (12/2003).

Vehicle Information (provided by source)

Type	Maximum number of vehicles per day	Number of one way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight Loaded (tons/trip)	Total Weight driven per day (ton/day)	Maximum one way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Vehicle (entering plant) (one-way trip)	13.0	1.0	13.0	2.5	32.5	100	0.019	0.2	89.9
Vehicle (leaving plant) (one-way trip)	13.0	1.0	13.0	2.5	32.5	100	0.019	0.2	89.9
Truck (entering plant) (one-way trip)	3.0	1.0	3.0	16.0	48.0	100	0.019	0.1	20.7
Truck (leaving plant) (one-way trip)	3.0	1.0	3.0	16.0	48.0	100	0.019	0.1	20.7
Total			32.0		161.0			0.6	221.2

Average Vehicle Weight Per Trip = $\frac{5.0}{0.02}$ tons/trip
Average Miles Per Trip = $\frac{5.0}{0.02}$ miles/trip

Unmitigated Emission Factor, $E_f = [k * (sL/2)^{0.65} * (W/3)^{1.5} - C]$ (Equation 1 from AP-42 13.2.1)

	PM	PM10	PM2.5	
where k =	0.082	0.016	0.0024	lb/mi = particle size multiplier (AP-42 Table 13.2.1-1)
W =	5.0	5.0	5.0	tons = average vehicle weight (provided by source)
C =	0.00047	0.00047	0.00036	lb/mi = emission factor for vehicle exhaust, brake wear, and tire wear (AP-42 Table 13.2.1-2)
sL =	0.6	0.6	0.6	g/m ² = Ubiquitous Baseline Silt Loading Values of paved roads (Table 13.2.1-3 for summer months)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, $E_{ext} = E_f * [1 - (p/4N)]$

Mitigated Emission Factor, $E_{ext} = E_f * [1 - (p/4N)]$
where p = $\frac{125}{365}$ days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
N = 365 days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, E_f =	0.08	0.02	0.00	lb/mile
Mitigated Emission Factor, E_{ext} =	0.07	0.01	0.00	lb/mile

Process	Unmitigated PTE of PM (tons/yr)	Unmitigated PTE of PM10 (tons/yr)	Unmitigated PTE of PM2.5 (tons/yr)	Mitigated PTE of PM (tons/yr)	Mitigated PTE of PM10 (tons/yr)	Mitigated PTE of PM2.5 (tons/yr)
Vehicle (entering plant) (one-way trip)	3.64E-03	6.93E-04	9.09E-05	3.33E-03	6.33E-04	8.31E-05
Vehicle (leaving plant) (one-way trip)	3.64E-03	6.93E-04	9.09E-05	3.33E-03	6.33E-04	8.31E-05
Truck (entering plant) (one-way trip)	8.39E-04	1.60E-04	2.10E-05	7.68E-04	1.46E-04	1.92E-05
Truck (leaving plant) (one-way trip)	8.39E-04	1.60E-04	2.10E-05	7.68E-04	1.46E-04	1.92E-05
	8.95E-03	1.71E-03	2.24E-04	8.19E-03	1.56E-03	2.05E-04

Methodology

Total Weight driven per day (ton/day) = [Maximum Weight Loaded (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip) = [Maximum one-way distance (feet/trip)] / [5280 ft/mile]
Maximum one-way miles (miles/day) = [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip) = SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip) = SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Unmitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Unmitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Mitigated PTE (tons/yr) = [Maximum one-way miles (miles/yr)] * [Mitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Controlled PTE (tons/yr) = [Mitigated PTE (tons/yr)] * [1 - Dust Control Efficiency]

Abbreviations

PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PM2.5 = Particle Matter (<2.5 um)
PTE = Potential to Emit



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Ron Kuntz
Lafayette Quality Products, Inc.
PO Box 5827
Lafayette, IN 47903

DATE: July 13, 2011

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Exemption
157-30536-00464

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	DPABST 7/13/2011 Lafayette Quality Products Inc 157-30536-00464 (Final)		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Ron Kuntz Lafayette Quality Products Inc PO Box 5827 Lafayette IN 47903 (Source CAATS) (CONFIRM DELIVERY)										
2		Mr. Charles L. Berger Attorney Berger & Berger, Attorneys at Law 313 Main Street Evansville IN 47700 (Affected Party)										
3		Tippecanoe County Commissioners 20 N 3rd St, County Office Building Lafayette IN 47901 (Local Official)										
4		Tippecanoe County Health Department 20 N. 3rd St Lafayette IN 47901-1211 (Health Department)										
5		Lafayette City Council and Mayors Office 20 North 6th Street Lafayette IN 47901-1411 (Local Official)										
6		Ms. Dorothy Whicker 2700 Bonny Lane Lafayette IN 47904 (Affected Party)										
7		Ms. Geneva Werner 3212 Longlois Drive Lafayette IN 47904-1718 (Affected Party)										
8		Mrs. Phyllis Owens 3600 Cypress Lane Lafayette IN 47905 (Affected Party)										
9		Mr. Jerry White 1901 King Eider Ct West Lafayette IN 47906 (Affected Party)										
10		Ms. Rose Filley 5839 Lookout Drive West Lafayette IN 47906 (Affected Party)										
11		Mr. William Cramer 128 Seminole Drive West Lafayette IN 47906 (Affected Party)										
12		Mr. Robert Kelley 2555 S 30th Street Lafayette IN 44909 (Affected Party)										
13		Dennys Body Shop 115 South Farabee Drive Lafayette IN 47905 (Affected Party)										
14		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)										
15		Mr. Craig Wagoner Electric Inc 100 S Farabee Dr Lafayette IN 47905 (Affected Party)										

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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Mail Code 61-53

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Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Caterpillar Inc 3701 SR 26 E Lafayette IN 47905 (Affected Party)										
2		Exotic Lingerie 120 S Farabee Dr Lafayette IN 47905 (Affected Party)										
3		Tippecanoe Waster Management 180 S Farabee Dr Lafayette IN 47905 (Affected Party)										
4		Hay Realty LLP/Hayes & Sons 182 S Farabee Dr Lafayette IN 47905 (Affected Party)										
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												

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