



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

100 N. Senate Avenue • Indianapolis, IN 46204  
(800) 451-6027 • (317) 232-8603 • [www.idem.IN.gov](http://www.idem.IN.gov)

**Michael R. Pence**  
Governor

**Thomas W. Easterly**  
Commissioner

TO: Interested Parties / Applicant

DATE: October 8, 2013

RE: Victor Reinz Valve Seals, LLC/113-33600-00094

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.dot 6/13/2013



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Michael R. Pence  
Governor

Thomas W. Easterly  
Commissioner

Mr. Russell Schwarz  
Victor Reinz Valve Seals, LLC  
301 Progress Way  
Avilla, IN 46710

October 8, 2013

Re: 113-33600-00094  
First Administrative Amendment to  
R113-31027-00094

Dear Mr. Schwarz:

Victor Reinz Valve Seals, LLC was issued a Registration No. R113-31027-00094 on December 13, 2011 for a stationary automotive and non road rubber valve stem seals manufacturer, located at 301 Progress Way, Avilla, Indiana. On August 30, 2013, the Office of Air Quality (OAQ) received an application from the source requesting to add six (6) new FKM molding presses, and to remove two (2) ACM molding presses, and one (1) part spraying operation Mold/Part spray #2. Additionally, the source requested a correction to the descriptive language for one (1) electric post cure oven, identified as oven -4.

Following is the list of new emission units:

- (a) Six (6) FKM molding presses, identified as D27 through D32, approved for construction in 2013, maximum capacity of 240 pounds of polymer/ rubber per hour.

NOTE: There are no emissions from the new FKM molding presses, therefore these units are exempt and are not added in the registration.

Following is the list of emission units to be removed:

- (a) Two (2) ACM molding presses, identified as J1 and J2, approved for construction in 2011, with a maximum capacity of 14.4 pounds of polyacrylate rubber per hour, combined, using no controls, and exhausting inside.
- (b) One (1) part spraying operation, identified as Mold/Part Spray #2, approved for construction in 2011, using an air atomizer to coat part, using 0.29 gallons of coating per hour, using no controls and exhausting inside.

Pursuant to 326 IAC 2-5.5-6(d)(5), this change to the registration is considered an administrative amendment because the registration is amended to incorporate or delete applicable requirements as a result of a change in applicability and there is no new equipment and no change to the operations or processes.

The uncontrolled/unlimited potential to emit of the entire source after the removal of this emission unit will continue to be within the threshold levels specified in 326 IAC 2-5.5-1(b)(1)(Registration). See Appendix A for the revised limited PTE of the source after the removal of the existing emission unit.

The PTE of the modification consisting of the removal of the following emission units:

**PTE of the Entire Source After Issuance of the Registration Administrative Amendment**

The table below summarizes the potential to emit of the entire source after the issuance of this administrative amendment, reflecting all limits, of the emission units, using **bold** and ~~strikeouts~~ to show the changes:

Process/ Emission Unit	Potential To Emit of the Entire Source with the Revision (tons/year)**									
	PM	PM10 *	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	GHGs as CO <sub>2</sub> e**	Total HAPs	Worst Single HAP
Mixing Operation (A)	2.54	2.54	2.54	-	-	-	-	-	0.24	0.24 (Chromic Oxide)
Mold Abrasive Blasting (B)	4.57	4.57	4.57	-	-	-	-	-	-	-
Adhesive Coating (C)	-	-	-	-	-	0.25	-	-	-	-
<del>***Twenty-six (26) FKM Mold Presses</del>	-	-	-	-	-	-	-	-	-	-
ACM Mold Presses	-	-	-	-	-	<del>2.04</del>	-	-	<del>0.67</del>	<del>0.38</del>
Mold Spray #1	3.65	3.65	3.65	-	-	-	-	-	-	-
Mold/Part Spray #2	<del>5.49</del>	<del>5.49</del>	<del>5.49</del>	-	-	<del>0.44</del>	-	-	-	-
Deflash	1.08	1.08	1.08	-	-	0.08	-	-	-	-
Media Dryer	0.06	0.06	0.06	-	-	-	-	-	-	-
<del>***Electric Cure Ovens</del>	-	-	-	-	-	-	-	-	-	-
<del>***Silicone/Oil coating Process</del>	-	-	-	-	-	-	-	-	-	-
Natural Gas- fired Combustion	0.06	0.23	0.23	0.02	2.97	0.16	2.50	3,586	0.06	0.05 (Hexane)
<b>Total PTE of Entire Source</b>	<del>17.56</del> <b>11.96</b>	<del>17.62</del> <b>12.1</b>	<del>17.62</del> <b>12.1</b>	<b>0.02</b>	<b>2.97</b>	<del>2.49</del> <b>0.5</b>	<b>2.50</b>	<b>3,586</b>	<b>0.3</b>	<b>0.24</b>
Exemptions Levels	5	5	5	10	10	5 or 10	25	100,000	25	10
Registration Levels	25	25	25	25	25	25	100	100,000	25	10
negl. = negligible , - =no emissions *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". **Emissions are taken from Registration No: 113-31027-00094 issued on December 13, 2011. *** Units removed because there are no emissions from these units.										

The table below summarizes the potential to emit of the entire source after issuance of this administrative amendment, reflecting all limits, of the emission units. (Note: the table below was generated from the above table, with bold text un-bolded and strikethrough text deleted).

Process/ Emission Unit	Potential To Emit of the Entire Source with the Revision (tons/year)**									
	PM	PM10 *	PM2.5	SO <sub>2</sub>	NOx	VOC	CO	GHGs as CO <sub>2</sub> e**	Total HAPs	Worst Single HAP
Mixing Operation (A)	2.54	2.54	2.54	-	-	-	-	-	0.24	0.24
Mold Abrasive Blasting (B)	4.57	4.57	4.57	-	-	-	-	-	-	-
Adhesive Coating (C)	-	-	-	-	-	0.25	-	-	-	-
Mold Spray #1	3.65	3.65	3.65	-	-	-	-	-	-	-
Deflash	1.08	1.08	1.08	-	-	0.08	-	-	-	-
Media Dryer	0.06	0.06	0.06	-	-	-	-	-	-	-
Natural Gas- fired Combustion	0.06	0.23	0.23	0.02	2.97	0.16	2.50	3,586	0.06	0.05 (Hexane)
<b>Total PTE of Entire Source</b>	<b>11.96</b>	<b>12.1</b>	<b>12.1</b>	<b>0.02</b>	<b>2.97</b>	<b>0.5</b>	<b>2.50</b>	<b>3,586</b>	<b>0.3</b>	<b>0.24</b>
Exemptions Levels	5	5	5	10	10	10	25	100,000	25	10
Registration Levels	25	25	25	25	25	25	100	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".										

Pursuant to 326 IAC 2-5.5-6, the registration is hereby amended as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

**Changes 1: Sections A.2, and D.1 are revised to remove the emission units, and the related applicable requirements for Mold/Part Spray #2. Conditions A.2 and D.1 are renumbered accordingly.**

**A.2 Emission Units and Pollution Control Equipment Summary**

This stationary source consists of the following emission units and pollution control devices:

\*\*\*

~~(e) Two (2) ACM molding presses, identified as J1 and J2, approved for construction in 2011, with a maximum capacity of 14.4 pounds of polyacrylate rubber per hour, combined, using no controls, and exhausting inside.~~

\*\*\*

~~(i) One (1) part spraying operation, identified as Mold/Part Spray #2, approved for construction in 2011, using an air atomizer to coat part, using 0.29 gallons of coating per hour, using no controls and exhausting inside.~~

\*\*\*

**SECTION D.1**

**OPERATION CONDITIONS**

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]: ***
--

- (e) ~~Two (2) ACM molding presses, identified as J1 and J2, approved for construction in 2011, with a maximum capacity of 14.4 pounds of polyacrylate rubber per hour, combined, using no controls, and exhausting inside.~~  
\*\*\*
- (i) ~~One (1) part spraying operation, identified as Mold/Part Spray #2, approved for construction in 2011, using an air atomizer to coat part, using 0.29 gallons of coating per hour, using no controls and exhausting inside.~~  
\*\*\*
- (The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

**D1.2 ~~Particulate [326 IAC 6-3-2]~~**

~~In order to render the requirements of 326 IAC 6-3-2(d) not applicable, the Registrant shall limit the coatings used in the Mold/Part Spray #2 to less than five (5) gallons per day.~~

**D.1.3 2 Preventive Maintenance Plan [326 IAC 1-6-3]**

A Preventive Maintenance Plan is required for the mold abrasive blasting operation and its control device. Section B - Preventive Maintenance Plan contains the Registrant's obligation with regard to the preventive maintenance plan required by this condition.

**Compliance Determination Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

**D.1.4-3 Particulate Control**

In order to comply with Condition D.1.1, the baghouse shall be in operation and control emissions from the mold abrasive blasting operation at all times that this facility is in operation.

**Record Keeping and Reporting Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

**D.1.5 ~~Record Keeping Requirements~~**

- (a) ~~To document the compliance status with Condition D.1.2, the Registrant shall maintain records for the total coatings used for the Mold/Part Spray #2 each day.~~
- (b) ~~Records of all required monitoring data, reports and support information required by this registration shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the owner or operator of this source, the owner or operator of this source shall furnish the records to the Commissioner within a reasonable time.~~
- (c) ~~Unless otherwise specified in this exemption, all record keeping requirements not already legally required shall be implemented within ninety (90) days of approval date of this registration.~~

**Additional Changes**

In addition, IDEM, OAQ has removed the following existing units from the Registration because these units are exempt and are not source of air emissions. The section A.2 has been updated accordingly.

- (1) ~~Twenty six (26) FKM molding presses, identified as D1 through D26, constructed between 1989 through 2004, with a maximum capacity of 240 pounds of polymer/rubber per hour.~~
- (2) ~~Four (4) electric curing ovens using no controls and exhausting inside, consisting of:~~
- ~~(1) Three (3) electric curing ovens, identified as oven 1, oven 2, and oven 3, constructed in 1998 (oven 1) and 1999 (oven 2 and oven 3) with a maximum of 38.3~~

- ~~\_\_\_\_\_ pound of FKM compound cured per hour, each, using no control and exhausting to the outside.~~
- ~~\_\_\_\_\_ (2) One (1) electric curing oven, identified as oven 4, approved for construction in 2011, with a maximum capacity of 38.3 pounds of FKM compound cured per hour to be used in 2013.~~
- (3) One (1) electric post cure curing oven, identified as oven 4, approved for construction in 2011, with a maximum capacity of 58 pounds of polyacrylate rubber per hour to be used in 2013.
- (4) One (1) oil coating, identified as Oil, constructed in 2010, with a maximum capacity of 0.02 gallons of oil applied to parts per hour, using no controls and exhausting inside the building.
- (5) One assembly operation that assembles the rubber parts with rings/springs and stamp final parts, with no emissions.

\*\*\*

IDEM has removed the PM emission limitations for the cytogenetic deflash (deburring) operation from Condition D.1.1. Pursuant to 326 IAC 6-3-2, the potential emissions from manufacturing process related to cytogenetic deflash (deburring) operation are less than five hundred fifty-one thousandths (0.551) pound per hour, therefore this unit is exempt from 326 IAC 6-3-2.

#### D.1.1 Emission Limitations for Manufacturing Process [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes) the particulate from the processes listed in the table below shall be limited by the following:

Equipment I.D.	Process Weight Rate (ton/hr)	Allowable Emission Rate (lb/hr)
Mixing Operation (A)	0.132	1.06
Mold Abrasive Blasting Operation (B)	0.052	0.57
Deflash Area (E)	0.132	1.06
Media Dryer (F)	0.04	0.551

The pound per hour limitation was calculated with the following equation:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

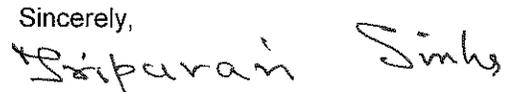
\*\*\*

The source shall continue to operate according to 326 IAC 2-5.5 (Registrations). Please find enclosed the amended registration and Appendix A. A copy of the registration 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](http://www.idem.in.gov)

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Swarna Prabha, at (800) 451-6027, press 0 and ask for Swarna Prabha extension 4-5376, or dial (317) 234-5376.

Victor Reinz Valve Seals, LLC  
Avilla, Indiana  
Permit Reviewer: Swarna Prabha

Page 6 of 6  
Administrative Amendment No. R113-33600-00094

Sincerely,  
  
Tripurari P. Sinha, Ph. D., Section Chief  
Permits Branch  
Office of Air Quality

TS/SP

Attachment: Revised Registration and Appendix A Emissions Calculations

cc: File - Noble County  
Noble County Health Department  
Compliance and Enforcement Branch



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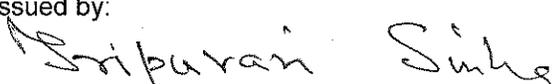
## REGISTRATION OFFICE OF AIR QUALITY

**Victor Reinz Valve Seals, LLC**  
**301 Progress Way**  
**Avilla, Indiana 46710**

Pursuant to 326 IAC 2-5.1 (Construction of New Sources: Registrations) and 326 IAC 2-5.5 (Registrations), (herein known as the Registrant) is hereby authorized to construct and operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this registration.

Registration No. 113-31027-00094	
Original Issued by:	
Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: December 13, 2011

First Notice-Only Change Registration No. 113-31453-00094 issued on March 6, 2013

Administrative Amendment No. 113-33600-00094	
Issued by:	
 Tripurari P. Sinha, Ph.D., Section Chief Permits Branch Office of Air Quality	Issuance Date: October 8, 2013

## SECTION A

## SOURCE SUMMARY

This registration is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 and A.2 is descriptive information and does not constitute enforceable conditions. However, the Registrant should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Registrant to obtain additional permits pursuant to 326 IAC 2.

### A.1 General Information

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The Registrant owns and operates a stationary automotive and non road rubber valve stem seals manufacturer.

Source Address:	301 Progress Way, Avilla, Indiana 46710
General Source Phone Number:	(260) 897-8315
SIC Code:	3592 (Carburetors, Pistons, Piston Rings and Valves)
County Location:	Noble County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

### A.2 Emission Units and Pollution Control Equipment Summary

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This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) raw polymer/rubber mixing operation, identified as A, constructed in 2002, with a maximum capacity of 265.2 lbs of polymer/rubber per hour (three batches per hour of approximately 88 lbs per batch) of polymer/rubber compounds, using no controls, and exhausting outside.
- (b) One (1) mold abrasive blasting operation, identified as B, constructed in 1998, used for cleaning molds with a maximum capacity of 104.42 pounds of plastic pellets per hour, using a baghouse for particulate control and exhausting inside.
- (c) One (1) adhesive coating operation, identified as C, constructed in 2000, with a maximum capacity of 345 lbs of metal stampings per hour, using a dip coating, using no controls, and exhausting inside the building.
- (d) One (1) cytogenetic deflash (deburring) operation, identified as E, constructed in 2004, using 0.246 lbs of media and 0.0023 gallons of antistatic spray and 0.132 tons of polymer/rubber per hour, using no controls and exhausting inside the building.
- (e) One (1) media dryer, identified as F, constructed in 1989, with a maximum capacity of 80 pounds of media per hour and creating 0.014 pounds of media dust per hour, using no controls and exhausting inside the building.
- (f) One (1) mold spraying operation, identified as Mold Spray #1, constructed in 1989, using 0.20 gallons per hour of coating, using spray cans to coat mold, using no controls and exhausting inside the building.
- (g) One (1) Silicone tumbler, identified as Silicone, constructed in 2010, with a maximum capacity 0.91 pounds of silicone per hour, using no controls and exhausting inside the building.
- (h) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour:
  - (1) One (1) natural gas-fired heater, identified as I1, constructed in 1993, with a maximum heat input capacity of 5.832 MMBtu/hr; and

- (2) One (1) natural gas-fired heater, identified as I2, constructed in 1993, with a maximum heat input capacity of 0.15 MMBtu/hr; and
- (3) One (1) natural gas-fired heater, identified as I3, constructed in 1993, with a maximum heat input capacity of 0.40 MMBtu/hr; and
- (4) One (1) natural gas-fired heater, identified as I4, constructed in 2006, with a maximum heat input capacity of 0.40 MMBtu/hr.

## **SECTION B GENERAL CONDITIONS**

### **B.1 Definitions [326 IAC 2-1.1-1]**

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Terms in this registration shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-1.1-1) shall prevail.

### **B.2 Effective Date of Registration [IC 13-15-5-3]**

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Pursuant to IC 13-15-5-3, this registration is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

### **B.3 Registration Revocation [326 IAC 2-1.1-9]**

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Pursuant to 326 IAC 2-1.1-9 (Revocation), this registration to operate may be revoked for any of the following causes:

- (a) Violation of any conditions of this registration.
- (b) Failure to disclose all the relevant facts, or misrepresentation in obtaining this registration.
- (c) Changes in regulatory requirements that mandate either a temporary or permanent reduction of discharge of contaminants. However, the amendment of appropriate sections of this registration shall not require revocation of this registration.
- (d) For any cause which establishes in the judgment of IDEM the fact that continuance of this registration is not consistent with purposes of this article.

### **B.4 Prior Permits Superseded [326 IAC 2-1.1-9.5]**

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- (a) All terms and conditions of permits established prior to Registration No. 113-31027-00094 and issued pursuant to permitting programs approved into the state implementation plan have been either:
  - (1) incorporated as originally stated,
  - (2) revised, or
  - (3) deleted.
- (b) All previous registrations and permits are superseded by this registration.

### **B.5 Annual Notification [326 IAC 2-5.1-2(f)(3)] [326 IAC 2-5.5-4(a)(3)]**

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Pursuant to 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3):

- (a) An annual notification shall be submitted by an authorized individual to the Office of Air Quality stating whether or not the source is in operation and in compliance with the terms and conditions contained in this registration.
- (b) The annual notice shall be submitted in the format attached no later than March 1 of each year to:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, IN 46204-2251

- (c) The notification shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

**B.6 Source Modification Requirement [326 IAC 2-5.5-6(a)]**

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Pursuant to 326 IAC 2-5.5-6(a), 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.

**B.7 Registrations [326 IAC 2-5.1-2(i)]**

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Pursuant to 326 IAC 2-5.1-2(i), this registration does not limit the source's potential to emit.

**B.8 Preventive Maintenance Plan [326 IAC 1-6-3]**

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- (a) If required by specific condition(s) in Section D of this registration, the Registrant shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this registration or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
- (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
- (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Registrant's control, the PMPs cannot be prepared and maintained within the above time frame, the Registrant may extend the date an additional ninety (90) days provided the Registrant notifies:

Indiana Department of Environmental Management  
Compliance and Enforcement Branch, Office of Air Quality  
100 North Senate Avenue  
MC 61-53 IGCN 1003  
Indianapolis, Indiana 46204-2251

The Registrant shall implement the PMPs.

- (b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Registrant to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions.
- (c) To the extent the Registrant is required by 40 CFR Part 60 or 40 CFR Part 63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such OMM Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

**SECTION C**

**SOURCE OPERATION CONDITIONS**

Entire Source

**Emission Limitations and Standards [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

**C.1 Opacity [326 IAC 5-1]**

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 registration:

- (a) 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.
- (b) 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.

**C.2 Fugitive Dust Emissions [326 IAC 6-4]**

The Registrant 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 (Fugitive Dust Emissions).

## SECTION D.1

## OPERATION CONDITIONS

Facility Description [326 IAC 2-5.1-2(f)(2)] [326 IAC 2-5.5-4(a)(2)]:

- (a) One (1) raw polymer/rubber mixing operation, identified as A, constructed in 2002, with a maximum capacity of 265.2 lbs of polymer/rubber per hour (three batches per hour of approximately 88 lbs per batch) of polymer/rubber compounds, using no controls, and exhausting outside.
- (b) One (1) mold abrasive blasting operation, identified as B, constructed in 1998, used for cleaning molds with a maximum capacity of 104.42 pounds of plastic pellets per hour, using a baghouse for particulate control and exhausting inside.
- (c) One (1) adhesive coating operation, identified as C, constructed in 2000, with a maximum capacity of 345 lbs of metal stampings per hour, using a dip coating, using no controls, and exhausting inside the building.
- (d) One (1) cytogenetic deflash (deburring) operation, identified as E, constructed in 2004, using 0.246 lbs of media and 0.0023 gallons of antistatic spray and 0.132 tons of polymer/rubber per hour, using no controls and exhausting inside the building.
- (e) One (1) media dryer, identified as F, constructed in 1989, with a maximum capacity of 80 pounds of media per hour and creating 0.014 pounds of media dust per hour, using no controls and exhausting inside the building.
- (f) One (1) mold spraying operation, identified as Mold Spray #1, constructed in 1989, using 0.20 gallons per hour of coating, using spray cans to coat mold, using no controls and exhausting inside the building.

(The information describing the process contained in this emissions unit description box is descriptive information and does not constitute enforceable conditions.)

### Emission Limitations and Standards [326 IAC 2-5.1-2(f)(1)] [326 IAC 2-5.5-4(a)(1)]

#### D.1.1 Emission Limitations for Manufacturing Process [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes) the particulate from the processes listed in the table below shall be limited by the following:

Equipment I.D.	Process Weight Rate (ton/hr)	Allowable Emission Rate (lb/hr)
Mixing Operation (A)	0.132	1.06
Mold Abrasive Blasting Operation (B)	0.052	0.57
Media Dryer (F)	0.04	0.551

The pound per hour limitation was calculated with the following equation:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour and  
P = process weight rate in tons per hour

#### D.1.2 Preventive Maintenance Plan [326 IAC 1-6-3]

A Preventive Maintenance Plan is required for the mold abrasive blasting operation and its control device. Section B - Preventive Maintenance Plan contains the Registrant's obligation with regard to the preventive maintenance plan required by this condition.

#### **Compliance Determination Requirements [326 IAC 2-5.1-2(g)] [326 IAC 2-5.5-4(b)]**

#### D.1.3 Particulate Control

In order to comply with Condition D.1.1, the baghouse shall be in operation and control emissions from the mold abrasive blasting operation at all times that this facility is in operation.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE AND ENFORCEMENT BRANCH**

**REGISTRATION  
ANNUAL NOTIFICATION**

This form should be used to comply with the notification requirements under 326 IAC 2-5.1-2(f)(3) and 326 IAC 2-5.5-4(a)(3).

<b>Company Name:</b>	Victor Reinz Valve Seals, LLC
<b>Address:</b>	301 Progress Way
<b>City:</b>	Avilla IN 46710
<b>Phone Number:</b>	(260) 897-8345
<b>Registration No.:</b>	113-31027-00094

I hereby certify that Victor Reinz Valve Seals, LLC is:

- still in operation.
- no longer in operation.
- in compliance with the requirements of Registration No. 113-31027-00094.
- not in compliance with the requirements of Registration No. 113-31027-00094.

I hereby certify that Victor Reinz Valve Seals, LLC is:

<b>Authorized Individual (typed):</b>
<b>Title:</b>
<b>Signature:</b>
<b>Phone Number:</b>
<b>Date:</b>

If there are any conditions or requirements for which the source is not in compliance, provide a narrative description of how the source did or will achieve compliance and the date compliance was, or will be achieved.

<b>Noncompliance:</b>

Appendix A: Emissions Calculations  
Summary

Company Name: Victor Reinz Valve Seals, LLC  
 Address City IN Zip: 301 Progress Way, Avilla IN 46710  
 Permit Number: 113-31027-00094  
 Administrative Amendment No.: 113-33600-00094  
 Reviewer: Swarna Prabha  
 Date: September 16, 2013

Uncontrolled Potential to Emit (PTE) Tons/Year Prior to Modification										
Process	Pollutant									
	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG as CO2e	Total HAPs	Single HAP
Mixing Operation (A)	2.54	2.54	2.54	-	-	-	-	-	0.24	0.24
Mold Abrasive Blasting (B)	4.57	4.57	4.57	-	-	-	-	-	-	-
Adhesive Coating (C)	-	-	-	-	-	0.25	-	-	-	-
Deflash (E)	1.08	1.08	1.08	-	-	0.08	-	-	-	-
Media Dryer (F)	0.06	0.06	0.06	-	-	-	-	-	-	-
Mold Spray #1	3.65	3.65	3.65	-	-	-	-	-	-	-
Natural Gas-fired Combustion	0.06	0.23	0.23	0.02	2.97	0.16	2.50	3,586	0.06	0.05
ACM Mold Presses	-	-	-	-	-	2.01	-	-	0.67	0.38
Mold/Part Spray #2	5.49	5.49	5.49	-	-	0.44	-	-	-	-
<b>Total Existing Emissions</b>	<b>17.45</b>	<b>17.62</b>	<b>17.62</b>	<b>0.02</b>	<b>2.97</b>	<b>2.94</b>	<b>2.50</b>	<b>3586.31</b>	<b>0.96</b>	<b>0.67</b>
Emission Units removed										
**ACM Mold Presses	-	-	-	-	-	2.01	-	-	0.67	0.38
**Mold/Part Spray #2	5.49	5.49	5.49	-	-	0.44	-	-	-	-
<b>Emissions Removed</b>	<b>5.49</b>	<b>5.49</b>	<b>5.49</b>	<b>0.00</b>	<b>0.00</b>	<b>2.45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.67</b>	<b>0.38</b>

\*\* Emission Units removed during this modification

Uncontrolled Potential to Emit (PTE) After Modification Tons/Year										
Process	Pollutant									
	PM	PM10	PM2.5	SO2	NOx	VOC	CO	GHG as CO2e	Total HAPs	Single HAP
Mixing Operation (A)	2.54	2.54	2.54	-	-	-	-	-	0.24	0.24
Mold Abrasive Blasting (B)	4.57	4.57	4.57	-	-	-	-	-	-	-
Adhesive Coating (C)	-	-	-	-	-	0.25	-	-	-	-
Deflash (E)	1.08	1.08	1.08	-	-	0.08	-	-	-	-
Media Dryer (F)	0.06	0.06	0.06	-	-	-	-	-	-	-
Mold Spray #1	3.65	3.65	3.65	-	-	-	-	-	-	-
Natural Gas-fired Combustion	0.06	0.23	0.23	0.02	2.97	0.16	2.50	3,586	0.06	0.05
<b>Total:</b>	<b>11.96</b>	<b>12.13</b>	<b>12.13</b>	<b>0.02</b>	<b>2.97</b>	<b>0.49</b>	<b>2.50</b>	<b>3,586</b>	<b>&lt;25</b>	<b>&lt;10</b>

**Appendix A: Emissions Calculations  
Particulate using Mass Balance  
From Mixing Operation \***

**Company Name:** Victor Reinz Valve Seals, LLC  
**Address City IN Zip:** 301 Progress Way, Avilla IN 46710  
**Permit Number:** 113-31027-00094  
**Administrative Amendment No.:** 113-33600-00094  
**Reviewer:** Swarna Prabha  
**Date:** September 16, 2013

	a	b	c	d	(a+b) - (c+d)		
Compound	Raw Polymer Weight (lbs) (batch)	Chemical Weight (lbs) (batch) <sup>1</sup>	Waste in pan (lbs) (batch) <sup>2</sup>	Finished batch weight	Particulate Generated (lbs/batch)	Chromic III Oxide (%)	HAP per batch (lbs)
949	55.24	33.03	0.56	87.44	0.27	9.40%	0.02538
949	55.44	33.01	0.64	87.62	0.19	9.40%	0.01786
949	55.46	33.02	0.31	88.05	0.12	9.40%	0.01128
				<b>Totals:</b>	<b>0.58</b>		<b>0.05</b>

**PM/PM10/PM2.5 lbs/hr: 0.58**  
**PM/PM10/PM2.5 tons/year: 2.54**  
**HAP lbs/hr: 0.05**  
**HAP tons/year: 0.24**

\* Compound 949 has three recipes with a total of three batches per hour.

1. Chemical weight is the weight of the chemicals added on top of the polymer to create layers of chemicals and polymers.
2. Pan collects product that breaks off or cut by knives during the operation.

**Methodology:**

$$\text{PM/PM10/PM2.5 (lbs/hr)} = (\text{lbs Raw Polymer} + \text{lbs Chemical}) - (\text{lbs waste} + \text{lbs batch weight}) * 3 \text{ batch/hr}$$

$$\text{PM/PM10/PM2.5 (tons/yr)} = (\text{lbs Raw Polymer} + \text{lbs Chemical}) - (\text{lbs waste} + \text{lbs batch weight}) * 3 \text{ batch/hr} * (8760 \text{ hours/ 1 year})$$

\* (1 ton/2000 lbs)

$$\text{HAP (lbs/hr)} = (\text{lbs Raw Polymer} + \text{lbs Chemical}) - (\text{lbs waste} + \text{lbs batch weight}) * 3 \text{ batch/hr} * \% \text{ HAP}$$

$$\text{HAP (tons/hr)} = (\text{lbs Raw Polymer} + \text{lbs Chemical}) - (\text{lbs waste} + \text{lbs batch weight}) * 3 \text{ batch/hr} * \% \text{ HAP} * (8760 \text{ hr/1 year}) * (1 \text{ ton/2000 lbs})$$

Appendix A: Emission Calculations

Abrasive Blasting - Confined  
from Mold Abrasive Blasting Operation

Company Name: Victor Reinz Valve Seals, LLC  
Address City IN Zip: 301 Progress Way, Avilla IN 46710  
Permit Number: 113-31027-00094  
Administrative Amendment No.: 113-33600-00094  
Reviewer: Swarna Prabha  
Date: 9/16/201

Table 1 - Emission Factors for Abrasives

Abrasive	Emission Factor	
	lb PM / lb abrasive	lb PM10 / lb PM
Sand	0.041	0.70
Grit	0.010	0.70
Steel Shot	0.004	0.86
Other	0.010	

Table 2 - Density of Abrasives (lb/ft3)

Abrasive	Density (lb/ft3)
Al oxides	160
Sand	99
Steel	487
Plastic	74.91

Table 3 - Sand Flow Rate (FR1) Through Nozzle (lb/hr)

Flow rate of Sand Through a Blasting Nozzle as a Function of Nozzle pressure and Internal Diameter

Internal diameter, in	Nozzle Pressure (psig)							
	30	40	50	60	70	80	90	100
1/8	28	35	42	49	55	63	70	77
3/16	65	80	94	107	122	135	149	165
1/4	109	138	168	195	221	255	280	309
5/16	205	247	292	354	377	420	462	507
3/8	285	355	417	477	540	600	657	720
7/16	385	472	560	645	755	820	905	940
1/2	503	615	725	835	945	1050	1160	1285
5/8	820	990	1170	1336	1510	1680	1850	2030
3/4	1140	1420	1670	1915	2160	2400	2630	2880
1	2030	2460	2900	3340	3780	4200	4640	5060

Calculations

Adjusting Flow Rates for Different Abrasives and Nozzle Diameters

Flow Rate (FR) = Abrasive flow rate (lb/hr) with internal nozzle diameter (ID)

FR1 = Sand flow rate (lb/hr) with internal nozzle diameter (ID1) From Table 3 =

D = Density of abrasive (lb/ft3) From Table 2 =

D1 = Density of sand (lb/ft3) =

ID = Actual nozzle internal diameter (in) =

ID1 = Nozzle internal diameter (in) from Table 3 =

138
74.91
99
0.375
0.375

Flow Rate (FR) (lb/hr) = 104.420 per nozzle

Uncontrolled Emissions (E, lb/hr)

EF = emission factor (lb PM / lb abrasive) From Table 1 =

FR = Flow Rate (lb/hr) =

w = fraction of time of wet blasting =

N = number of nozzles =

0.010
104.420
0
1

Uncontrolled Emissions =	1.04 lb/hr
	4.57 ton/yr

METHODOLOGY

Emission Factors from STAPPA/ALAPCO "Air Quality Permits", Vol. I, Section 3 "Abrasive Blasting" (1991 edition)

Ton/yr = lb/hr X 8760 hr/yr X ton/2000 lbs

Flow Rate (FR) (lb/hr) = FR1 x (ID/ID1)2 x (D/D1)

E = EF x FR x (1-w/200) x N

w should be entered in as a whole number (if w is 50%, enter 50)

**Appendix A: Emissions Calculations  
VOC and Particulate  
From Coating Operations ( Mold Spray #1, Adhesive and Deflashing)**

Company Name: Victor Reinz Valve Seals, LLC  
 Address City IN Zip: 301 Progress Way, Avilla IN 46710  
 Permit Number: 113-31027-00094  
 Administrative Amendment No.: 113-33600-00094  
 Reviewer: Swarna Prabha  
 Date: September 16, 2013

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/hr)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	Transfer Efficiency
<b>Adhesive Coating Operation</b>															
Robond TR-3295	8.3	5.90%	0.0%	6.9%	0.0%	0.00%	0.10000	1.000	0.57	0.57	0.06	1.38	0.25	0.00	100%
<b>Totals:</b>													<b>0.25</b>	<b>0.00</b>	
<b>Mold Spray #1</b>															
Diamond Kote W-4092	8.3	0.00%	0.0%	0.0%	0.0%	0.00%	0.20000	1.000	0.00	0.00	0.00	0.00	0.00	3.65	50%
<b>Totals:</b>													<b>3.65</b>		
<b>Deflashing Operation</b>															
MBI-040	8.3	91.00%	0.0%	91.0%	0.0%	0.00%	0.00230	1.000	7.59	7.59	0.02	0.42	0.08	1.89E-03	75%
<b>Totals:</b>													<b>0.08</b>	<b>1.89E-03</b>	

**METHODOLOGY**

- Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) \* Weight % Organics) / (1-Volume % water)
- Pounds of VOC per Gallon Coating = (Density (lb/gal) \* Weight % Organics)
- Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr)
- Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) \* Gal of Material (gal/unit) \* Maximum (units/hr) \* (24 hr/day)
- 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)
- Pounds VOC per Gallon of Solids = (Density (lbs/gal) \* Weight % organics) / (Volume % solids)

**Appendix A: Emissions Calculations**  
**Particulate**  
**From Deflash**

**Company Name:** Victor Reinz Valve Seals, LLC  
**Address City IN Zip:** 301 Progress Way, Avilla IN 46710  
**Permit Number:** 113-31027-00094  
**Administrative Amendment No.:** 113-33600-00094  
**Reviewer:** Swarna Prabha  
**Date:** September 16, 2013

Process	Maximum Media Usage Rate (lbs/hr)*	Potential PM (lbs/hr)	Potential PM (tons/yr)**
Cytogenetic Deflash Operation	0.246	0.246	1.08

\* Assumes 100% of the media used per hour is emitted as PM.  
See Page 4 for the potential to emit VOC and PM from the application of antistatic spray.

**Methodology:**

Potential PM (lbs/hr) = Maximum Media Usage Rate (lbs/hr)

Potential PM (tons/yr) = Maximum Media Usage Rate lbs/hr \* 8760 hr/1 yr \* 1 ton/2000 lbs

\*\*PM10 and PM2.5 assumed to be equal to PM

**Appendix A: Emissions Calculations**

**Particulate  
From Media Dryer**

**Company Name: Victor Reinz Valve Seals, LLC**

**Address City IN Zip: 301 Progress Way, Avilla IN 46710**

**Permit Number: 113-31027-00094**

**Administrative Amendment No.: 113-33600-00094**

**Reviewer: Swarna Prabha**

**Date: September 16, 2013**

Process	PM Emission (lbs/hr)*	PM Emission (tons/yr)
Media Dryer	0.014	0.06

\* PM emissions based on media dust collected from exhaust over a 14 hour period (0.2 lbs) or 0.014 lbs/hr

**Methodology:**

PM Emission (lbs/hr) = Amount Collected (lbs/period) / 14 (period/hrs)

PM Emission (tons/yr) = PM emissions (lbs/hr) \* (8760 hr/1 year) \* (1 ton/2000 lbs)

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

**Company Name: Victor Reinz Valve Seals, LLC  
Address City IN Zip: 301 Progress Way, Avilla IN 46710  
Permit Number: 113-31027-00094  
Administrative Amendment No.: 113-33600-00094  
Reviewer: Swarna Prabha  
Date: September 16, 2013**

Heat Input Capacity MMBtu/hr	HHV mmBtu mmscf	Potential Throughput MMCF/yr	Emission Units
5.832			5.832 MMBtu/hr
0.15			0.15 MMBtu/hr
0.4			0.4 MMBtu/hr
0.4			0.4 MMBtu/hr
6.8	1000	59.4	

Emission Factor in lb/MMCF	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.1	0.2	0.2	0.0	3.0	0.2	2.5

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

PM2.5 emission factor is filterable and condensable PM2.5 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 = 1,000,000 Cubic Feet of Gas

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

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

See page 9 for HAPs emissions calculations.

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

**Company Name: Victor Reinz Valve Seals, LLC  
Address City IN Zip: 301 Progress Way, Avilla IN 46710  
Permit Number: 113-31027-00094  
Administrative Amendment No.: 113-33600-00094  
Reviewer: Swarna Prabha  
Date: September 16, 2013**

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	6.238E-05	3.565E-05	2.228E-03	5.347E-02	1.010E-04

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
Potential Emission in tons/yr	1.485E-05	3.268E-05	4.159E-05	1.129E-05	6.238E-05

Methodology is the same as page 8.

The five highest organic and metal HAPs emission factors are provided above.  
Additional HAPs emission factors are available in AP-42, Chapter 1.4.  
See Page 10 for Greenhouse Gas calculations.

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

**Company Name:** Victor Reinz Valve Seals, LLC  
**Address City IN Zip:** 301 Progress Way, Avilla IN 46710  
**Permit Number:** 113-31027-00094  
**Administrative Amendment No.:** 113-33600-00094  
**Reviewer:** Swarna Prabha  
**Date:** September 16, 2013

	Greenhouse Gas		
	CO2	CH4	N2O
Emission Factor in lb/MMcf	120,000	2.3	2.2
Potential Emission in tons/yr	3,565	0.1	0.1
Summed Potential Emissions in tons/yr	3,565		
CO2e Total in tons/yr	3,586		

**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).



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

100 N. Senate Avenue • Indianapolis, IN 46204  
(800) 451-6027 • (317) 232-8603 • [www.idem.IN.gov](http://www.idem.IN.gov)

**Michael R. Pence**  
*Governor*

**Thomas W. Easterly**  
*Commissioner*

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

**TO:** Russell Schwarz  
Victor Reinz Valve Seals, LLC  
301 Progress Way  
Avilla, IN 46710

**DATE:** October 8, 2013

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

**SUBJECT:** Final Decision  
Administrative Amendment to Registration  
113-33600-00094

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:  
Debbie Armstrong, Responsible Official  
Katherine Holcomb, August Mack Environmental, Inc.  
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](mailto:jbrush@idem.IN.gov).

Final Applicant Cover letter.dot 6/13/2013

# Mail Code 61-53

IDEM Staff	PWAY 10/8/2013 Victor Reinz Valve Seals LLC 113-33600-00094 (final)		<b>CERTIFICATE OF MAILING ONLY</b>	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		Russell Schwarz Victor Reinz Valve Seals LLC 301 Progress Way Avilla IN 46710 (Source CAATS) (CONFIRM DELIVERY)										
2		Debbie Armstrong Victor Reinz Valve Seals LLC 3301 Progress Way Avilla IN 46710 (RO CAATS)										
3		Noble County Board of Commissioners 101 North Orange Street Albion IN 46701 (Local Official)										
4		Noble County Health Department 2090 N. State Rd 9, Suite C Albion IN 46701-9566 (Health Department)										
5		Mr. Steve Christman NISWMD 2320 W 800 S, P.O. Box 370 Ashley IN 46705 (Affected Party)										
6		Frederick & Iva Moore 6019 W 650 N Ligonier IN 46767 (Affected Party)										
7		Avilla Town Council and Town Manager P.o. Box 49 Avilla IN 46710 (Local Official)										
8		Katherine Holcomb August Mack Environmental, Inc. 1302 N. Meridian Street, Suite 300 Indianapolis IN 46202 (Consultant)										
9												
10												
11												
12												
13												
14												
15												

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 <b>Domestic Mail Manual R900, S913, and S921</b> for limitations of coverage on inured and COD mail. See <b>International Mail Manual</b> 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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