INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
MC 61-53
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant

DATE: January 10, 2008

RE: Trelleborg Sealing Solutions / 003-25626-00219

FROM: Matthew Stuckey, Deputy 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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

Raymond S. Heidinger, Systems Manager
Quality/EHS
Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46801

January 10, 2008

Re: Registration Notice-Only Change
No. R003-25626-00219

Dear Mr. Heidinger:

Trelleborg Sealing Solutions was issued a Registration No. R003-24692-00219 on May 30, 2007, for a stationary polymer seal manufacturing operation located at 2531 Bremer Road, Fort Wayne, Indiana. On December 10, 2007, the Office of Air Quality (OAQ) received an application from the source requesting that the registration be revised to indicate the following:

1. the construction and operation of Business Unit 3. The potential to emit of Business Unit 3 is negligible with PM PTE at 6.21 x 10^{-5} tons/yr and total HAPs PTE at .604 tons/yr. The addition of these units to the registration is considered a notice-only change, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively. The uncontrolled/unlimited potential to emit of the entire source will continue to be within the threshold levels specified in 326 IAC 2-5.5-1(b)(1). No new state rules are applicable to this source. There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change. See attached calculations, submitted by Trelleborg Sealing Solutions and verified by OAQ.

2. the construction and operation of a third post-cure oven. The third post-cure oven has a maximum rate of 25 lb/hr bringing the total maximum rate for all three post-cure ovens to 75 lb/hr. The third post-cure oven VOC PTE is 2.73 tons/yr, the PM PTE is .0739 tons/yr, and the Total HAPs PTE is 1.285 tons/yr. The addition of this unit to the registration is considered a notice-only change, since the potential emissions of regulated criteria pollutants and hazardous air pollutants are less than the ranges specified in 326 IAC 2-5.5-6(d)(10) and 326 IAC 2-5.5-6(d)(12), respectively. The uncontrolled/unlimited potential to emit of the entire source will continue to be within the threshold levels specified in 326 IAC 2-5.5-1(b)(1). No new state rules are applicable to this source. There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) or National Emission standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 20 and 40 CFR Part 61, 63) included in this notice-only change.

3. the removal of the three-station vacuum press.

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

...

(q) ~~Two~~**Three** (~~2~~**3**) electric post-cure ovens for curing rubber products, each processing 25 pounds of rubber per hour;

(r) One (1) rubber extruder, maximum capacity: 18 inches per minute and less than 100 lbs/hr;

~~(s) One (1) three-station vacuum press;~~

~~(t)~~**(s)** Two (2) refrigerators and one (1) tumbler;

~~(u)~~**(t)** Two (2) natural gas fired heaters, identified as # 90 through # 92, constructed in 2004, each with a maximum heat input capacity of 0.8 MMBtu/hr;

~~(v)~~**(u)** One (1) uncured rubber press area, constructed in 2004, with a maximum throughput rate of 3.30 lbs/hr, and exhausting through stacks P-1 and P-2;

~~(w)~~**(v)** One (1) sodium cutting process, constructed in 2004, with a maximum throughput rate of 3.125 lbs/hr;

~~(x)~~**(w)** Three (3) space heaters, fueled by natural gas, identified as # 47, # 50, and # 51, each with a heat input capacity of 0.225 MMBtu/hr;

~~(y)~~**(x)** One (1) space heater, fueled by natural gas, identified as # 35, constructed in 1995, with a heat input capacity of 0.08 MMBtu, venting to stack # 35;

~~(z)~~**(y)** Two (2) space heaters, fueled by natural gas, identified as MU-1 and MU-2, constructed in 1995, each with a heat input capacity of 2.75 MMBtu, venting to stacks MU-1 and MU-2, respectively;

~~(aa)~~**(z)** One (1) space heater, fueled by natural gas, identified as MU-3, constructed in 1995, with a heat input capacity of 3.00 MMBtu, venting to stack MU-3;

~~(bb)~~**(aa)** One (1) space heater, fueled by natural gas, identified as HV-1, constructed in 2003, with a heat input capacity of 0.20 MMBtu, venting to stack HV-1;

~~(cc)~~**(bb)** Three (3) space heaters, fueled by natural gas, identified as and HV-2, HV-4, and HV-6, constructed in 2003, each with a heat input capacity of 0.15 MMBtu, venting to stacks HV-2, HV-4, and HV-6, respectively;

~~(dd)~~**(cc)** One (1) space heater, fueled by natural gas, identified as HV-3, constructed in 2003, with a heat input capacity of 0.07 MMBtu, venting to stack HV-3;

~~(ee)~~**(dd)** One (1) space heater, fueled by natural gas, identified as HV-5, constructed in 2003, with a heat input capacity of 0.15 MMBtu, venting to stack HV-5;

~~(ff)~~**(ee)** Two (2) space heaters, fueled by natural gas, identified as HV-7 and HV-8, constructed in 2003, each with a heat input capacity of 0.13 MMBtu, venting to stacks HV-7 and HV-8, respectively;

~~(gg)~~**(ff)** One (1) space heater, fueled by natural gas, identified as HV-9, constructed in 2003, with a heat input capacity of 0.12 MMBtu, venting to stack HV-9;

~~(hh)~~**(gg)** One (1) space heater, fueled by natural gas, identified as HV-10, constructed in 2003, with a heat input capacity of 0.25 MMBtu, venting to stack HV-10;

~~(ii)~~**(hh)** Two (2) space heaters, fueled by natural gas, identified as and HV-17 and HV-21, constructed in 1997, each with a heat input capacity of 0.12 MMBtu, venting to stacks HV-17 and HV-21, respectively;

~~(jj)~~**(ii)** One (1) space heater, fueled by natural gas, identified as HV-22, constructed in 1997, with a heat input capacity of 0.25 MMBtu, venting to stack HV-22;

~~(kk)~~**(jj)** Three (3) space heaters, fueled by natural gas, identified as and HV-11, HV-16, and HV-23, constructed in 1997, each with a heat input capacity of 0.09 MMBtu, venting to stacks HV-11, HV-16, and HV-23, respectively;

~~(ll)~~**(kk)** Five (5) space heaters, fueled by natural gas, identified as and HV-12, HV-13, HV-14, HV-15 and HV-19, constructed in 1997, each with a heat input capacity of 0.40 MMBtu, venting to stacks HV-12, HV-13, HV-14, HV-15, and HV-19, respectively;

~~(mm)~~**(ll)** One (1) space heater, fueled by natural gas, identified as HV-18, constructed in 1997, with a heat input capacity of 0.35 MMBtu, venting to stack HV-18; and

~~(nn)~~**(mm)** One (1) space heater, fueled by natural gas, identified as HV-20, constructed in 1997, with a heat input capacity of 0.40 MMBtu, venting to stack HV-20.

(nn) Two (2) prep extruders, identified as PE1 and PE2, constructed in 1994, with a maximum capacity of 123 lb/hr, venting to stack F1.

(oo) One (1) prep extruder, identified as PE3, constructed in 2007, with a maximum capacity of 123 lb/hr, venting to stack F1.

(pp) One (1) extrusion press, identified as EP1, constructed in 1994, with a maximum capacity of 2.3 lb/hr, venting to stack F1.

(qq) Eleven (11) rubber presses, identified as RP1-RP11, with RP1- RP-3 constructed in 2006 and RP4- RP-11 constructed in 2007, each with a maximum capacity of 1.8 lb/hr, venting to stack F1.

(rr) Four (4) rubber presses, identified as RP12, RP13, RP14, RP25 constructed in 2004, with a maximum capacity of 22.6 lb/hr, venting to stack F1.

(ss) Two (2) rubber presses, identified as RP15 and RP18, constructed in 2004, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(tt) One (1) rubber press, identified as RP24, constructed in 2002, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(uu) One (1) rubber press, identified as RP 17, constructed in 1995, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(vv) Four (4) rubber presses, identified as RP16, RP23, RP26, RP27, constructed in 1994, with a maximum capacity of 1.8 lb/hr, venting to stack F1.

(ww) Two (2) rubber presses, identified as RP19 and RP20, constructed in 1994, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(xx) One (1) rubber press, identified as RP22, constructed in 1985, with a maximum capacity of 1.8 lb/hr, venting to stack F1.

(yy) One (1) rubber press, identified as RP21, constructed in 1982, with a maximum capacity of 1.8 lb/hr, venting to stack F1.

The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration.

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 Rebecca Jacobs, at (800) 451-6027, press 0 and ask for Rebecca Jacobs or extension 4-5378, or dial (317) 234-5378.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/rjj

Attachment: Revised Registration

cc: File - Allen County
Allen County Health Department
Air Compliance Section
Permit Tracking
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section

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Raymond S. Heidinger, Systems Manager
Quality/EHS
Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46801

January 10, 2008

Re: Notice-Only Change No. R003-25626-00219
Registered Construction and Operation Status

Dear Mr. Heidinger:

Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following stationary polymer seal manufacturing operation, located at 2531 Bremer Drive, Fort Wayne, Indiana, is classified as registered:

(a) One (1) space heater, identified as # 6, fueled by natural gas, with a heat input capacity of 0.125 MMBtu/hr;

(b) One (1) HVAC unit, identified as # 9, fueled by natural gas, with a heat input capacity of 0.16 MMBtu/hr;

(c) One (1) electric oven, identified as # 21, with a heat input capacity of 0.8 MMBtu/hr;

(d) One (1) electric HVAC, identified as # 29;

(e) One (1) space heater, fueled by natural gas, identified as # 30, with a heat input capacity of 0.18 MMBtu/hr;

(f) Three (3) space heaters, fueled by natural gas, identified as # 37, # 38, and # 41, each with a heat input capacity of 0.225 MMBtu/hr;

(g) One (1) water heater, fueled by natural gas, identified as # 67, with a heat input capacity of 0.04 MMBtu/hr;

(h) Two (2) electric ovens, identified as # 75 and # 76, with an electric input of 45 kilowatts per hour;

(i) One (1) space heater, fueled by natural gas, identified as # 78, with a heat input capacity of 0.175 MMBtu/hr;

(j) Two (2) space heaters, fueled by natural gas, identified as # 82 and # 83, with a heat input capacity of 0.175 MMBtu/hr;

(k) Two (2) furnaces, fueled by natural gas, identified as # 85 and # 86, each with a heat input capacity of 0.12 MMBtu/hr;

(l) Two (2) paint booths, coating hydraulic and pneumatic seals (gaskets), coating 150 units per hour;

(m) One (1) natural gas laboratory oven, with a heat input capacity of 0.175 MMBtu/hr;

(n) One (1) polyurethane elastomers testing process, producing 1.25 pounds of elastomers per hour, using canopies # A-65 and A-66, and lab hoods # A-67 and A-68;

(o) A seals and wipers production unit for formulating a polyurethane elastomer polymer, using isocyanate-terminated prepolymer. The process includes casting, granulation, drying, extrusion, pelletization, and injection molding at the production rate of 67 lb/hr. The isocyanate prepolymer pellets production is outsourced which results in low VOC emissions;

(p) A production unit for sodium etched Teflon, producing a maximum of 800 pounds of the product. This production unit consists of an ammonia tank, a mixing bucket, and etchant and rinse baths;

(q) Three (3) electric post-cure ovens for curing rubber products, each processing 25 pounds of rubber per hour;

(r) One (1) rubber extruder, maximum capacity: 18 inches per minute and less than 100 lbs/hr;

(s) Two (2) refrigerators and one (1) tumbler;

(t) Two (2) natural gas fired heaters, identified as # 90 through # 92, constructed in 2004, each with a maximum heat input capacity of 0.8 MMBtu/hr;

(u) One (1) uncured rubber press area, constructed in 2004, with a maximum throughput rate of 3.30 lbs/hr, and exhausting through stacks P-1 and P-2;

(v) One (1) sodium cutting process, constructed in 2004, with a maximum throughput rate of 3.125 lbs/hr;

(w) Three (3) space heaters, fueled by natural gas, identified as # 47, # 50, and # 51, each with a heat input capacity of 0.225 MMBtu/hr;

(x) One (1) space heater, fueled by natural gas, identified as # 35, constructed in 1995, with a heat input capacity of 0.08 MMBtu, venting to stack # 35;

(y) Two (2) space heaters, fueled by natural gas, identified as MU-1 and MU-2, constructed in 1995, each with a heat input capacity of 2.75 MMBtu, venting to stacks MU-1 and MU-2, respectively;

(z) One (1) space heater, fueled by natural gas, identified as MU-3, constructed in 1995, with a heat input capacity of 3.00 MMBtu, venting to stack MU-3;

(aa) One (1) space heater, fueled by natural gas, identified as HV-1, constructed in 2003, with a heat input capacity of 0.20 MMBtu, venting to stack HV-1;

(bb) Three (3) space heaters, fueled by natural gas, identified as and HV-2, HV-4, and HV-6, constructed in 2003, each with a heat input capacity of 0.15 MMBtu, venting to stacks HV-2, HV-4, and HV-6, respectively;

(cc) One (1) space heater, fueled by natural gas, identified as HV-3, constructed in 2003, with a heat input capacity of 0.07 MMBtu, venting to stack HV-3;

(dd) One (1) space heater, fueled by natural gas, identified as HV-5, constructed in 2003, with a heat input capacity of 0.15 MMBtu, venting to stack HV-5;

(ee) Two (2) space heaters, fueled by natural gas, identified as HV-7 and HV-8, constructed in 2003, each with a heat input capacity of 0.13 MMBtu, venting to stacks HV-7 and HV-8, respectively;

(ff) One (1) space heater, fueled by natural gas, identified as HV-9, constructed in 2003, with a heat input capacity of 0.12 MMBtu, venting to stack HV-9;

(gg) One (1) space heater, fueled by natural gas, identified as HV-10, constructed in 2003, with a heat input capacity of 0.25 MMBtu, venting to stack HV-10;

(hh) Two (2) space heaters, fueled by natural gas, identified as and HV-17 and HV-21, constructed in 1997, each with a heat input capacity of 0.12 MMBtu, venting to stacks HV-17 and HV-21, respectively;

(ii) One (1) space heater, fueled by natural gas, identified as HV-22, constructed in 1997, with a heat input capacity of 0.25 MMBtu, venting to stack HV-22;

(jj) Three (3) space heaters, fueled by natural gas, identified as and HV-11, HV-16, and HV-23, constructed in 1997, each with a heat input capacity of 0.09 MMBtu, venting to stacks HV-11, HV-16, and HV-23, respectively;

(kk) Five (5) space heaters, fueled by natural gas, identified as and HV-12, HV-13, HV-14, HV-15 and HV-19, constructed in 1997, each with a heat input capacity of 0.40 MMBtu, venting to stacks HV-12, HV-13, HV-14, HV-15, and HV-19, respectively;

(ll) One (1) space heater, fueled by natural gas, identified as HV-18, constructed in 1997, with a heat input capacity of 0.35 MMBtu, venting to stack HV-18; and

(mm) One (1) space heater, fueled by natural gas, identified as HV-20, constructed in 1997, with a heat input capacity of 0.40 MMBtu, venting to stack HV-20.

(nn) Two (2) prep extruders, identified as PE1 and PE2, constructed in 1994, with a maximum capacity of 123 lb/hr, venting to stack F1.

(oo) One (1) prep extruder, identified as PE3, constructed in 2007, with a maximum capacity of 123 lb/hr, venting to stack F1.

(pp) One (1) extrusion press, identified as EP1, constructed in 1994, with a maximum capacity of 2.3 lb/hr, venting to stack F1.

(qq) Eleven (11) rubber presses, identified as RP1-RP11, with RP1- RP-3 constructed in 2006 and RP4- RP-11 constructed in 2007, each with a maximum capacity of 1.8 lb/hr, venting to stack F1.

(rr) Four (4) rubber presses, identified as RP12, RP13, RP14, RP25 constructed in 2004, with a maximum capacity of 22.6 lb/hr, venting to stack F1.

(ss) Two (2) rubber presses, identified as RP15 and RP18, constructed in 2004, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(tt) One (1) rubber press, identified as RP24, constructed in 2002, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(uu) One (1) rubber press, identified as RP 17, constructed in 1995, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(vv) Four (4) rubber presses, identified as RP16, RP23, RP26, RP27, constructed in 1994, with a maximum capacity of 1.8 lb/hr, venting to stack F1.

(ww) Two (2) rubber presses, identified as RP19 and RP20, constructed in 1994, with a maximum capacity of 1.5 lb/hr, venting to stack F1.

(xx) One (1) rubber press, identified as RP22, constructed in 1985, with a maximum capacity of 1.8 lb/hr, venting to stack F1.

(yy) One (1) rubber press, identified as RP21, constructed in 1982, with a maximum capacity of 1.8 lb/hr, venting to stack F1.

The following conditions shall be applicable:

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:

   (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 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. Pursuant to 326 IAC 6-3-2(e)(2), the allowable particulate emission rate for the rubber extruder is 0.551 lbs/hr.

3. Any change or modification which may increase the actual emissions of VOC from each of the paint booths to fifteen (15) pounds per day or greater must be approved by the Office of Air Quality before any such change may occur.

This source remains a registered source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Data Section
Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, IN 46204

no later than March 1 of each year, with the annual notice being submitted in the format attached.

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.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/rjj

cc: File - Allen County
Allen County Health Department
Air Compliance Section
Permit Tracking
Compliance Data Section
Permits Administrative and Development
Billing, Licensing and Training Section

Registration
Annual Notification

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

Company Name:	Trelleborg Sealing Solutions
Address:	2531 Bremer Road
Phone #:	Fort Wayne , IN 46801
Registration #:	R003-25626-00219

Certification by the Authorized Individual

I hereby certify that Trelleborg Sealing Solutions is still in operation and is in compliance with the requirements of Registration R003-25626-00219.

Name (typed):
Title:
Signature:
Phone Number:
Date:

Emission Calculations
Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46801
November 5, 2007
Submitted by Michael Ferguson
Ergo Resource Management
Reviewed by Rebecca Jacobs

(PLATEN PRESS) POTENTIAL EMISSIONS

130.00

		AP-42 Emission Factor	#/hr	#/yr	tpy
Total Method 25A Organics		8.08E-04	0.11	920.15	4.60E-01
Total Speciated Organics		3.49E-04	0.05	397.44	1.99E-01
Total Organic HAPS		6.37E-05	0.01	72.54	3.63E-02
Total Metal HAPS		9.96E-04	0.13	1134.59	5.67E-01
Total HAPS		1.06E-03	0.14	1207.13	6.04E-01
1,1,1-Trichloroethane	71-55-6	2.45E-06	0.00	2.79	1.40E-03
1,4-Dichlorobenzene	106-46-7	9.15E-08	0.00	0.10	5.21E-05
2-Butanone	78-93-3	1.20E-06	0.00	1.37	6.83E-04
Acetophenone	98-86-2	6.44E-07	0.00	0.73	3.67E-04
Benzene	71-43-2	9.88E-07	0.00	1.13	5.63E-04
bis(2-Ethylhexyl)phthalate	117-81-7	3.07E-06	0.00	3.50	1.75E-03
Carbon Disulfide	75-15-0	5.66E-06	0.00	6.45	3.22E-03
Chloroethane	75-00-3	1.48E-06	0.00	1.69	8.43E-04
Di-n-butylphthalate	84-74-2	5.40E-08	0.00	0.06	3.07E-05
Dibenzofuran	132-64-9	4.05E-08	0.00	0.05	2.31E-05
Dimethylphthalate	131-11-3	5.55E-08	0.00	0.06	3.16E-05
Hexane	110-54-3	5.25E-06	0.00	5.98	2.99E-03
Methylene Chloride	75-09-2	1.57E-06	0.00	1.79	8.94E-04
Naphthalene	91-20-3	3.50E-07	0.00	0.40	1.99E-04
Phenol	108-95-2	5.19E-07	0.00	0.59	2.96E-04
Toluene	108-88-3	3.96E-05	0.01	45.10	2.25E-02

Emission Calculations
Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46801
November 5, 2007
Submitted by Michael Ferguson
Ergo Resource Management
Reviewed by Rebecca Jacobs

(EXTRUSION POTENTIAL) EMISSIONS

371.30

		AP-42 Emission Factor	#/hr	#/yr	tpy
Total Method 25A Organics		1.96E-05	0.01	63.75	3.19E-02
Total Speciated Organics		1.63E-05	0.01	53.02	2.65E-02
Total Particulate Matter		3.82E-08	0.00	0.12	6.21E-05
Total Organic HAPS		2.52E-06	0.00	8.20	4.10E-03
Total Metal HAPS		5.11E-11	0.00	0.00	8.31E-08
Total HAPS		2.52E-06	0.00	8.20	4.10E-03
1,1,1-Trichloroethane	71-55-6	9.40E-09	0.00	0.03	1.53E-05
2-Butanone	78-93-3	2.12E-08	0.00	0.07	3.45E-05
4-Methyl-2-Pentanone	108-10-1	4.63E-08	0.00	0.15	7.53E-05
Acetophenone	98-86-2	5.93E-09	0.00	0.02	9.64E-06
Benzene	71-43-2	1.40E-08	0.00	0.05	2.28E-05
bis(2-Ethylhexyl)phthalate	117-81-7	1.90E-08	0.00	0.06	3.09E-05
Carbon Disulfide	75-15-0	2.41E-08	0.00	0.08	3.92E-05
Chloroethane	75-00-3	9.12E-07	0.00	2.97	1.48E-03
Chloroform	67-66-3	6.59E-09	0.00	0.02	1.07E-05
Chloromethane	74-87-3	7.72E-09	0.00	0.03	1.26E-05
Chromium (Cr) Compounds		5.11E-11	0.00	0.00	8.31E-08
Di-n-butylphthalate	84-74-2	1.97E-09	0.00	0.01	3.20E-06
Dimethylphthalate	131-11-3	1.67E-09	0.00	0.01	2.72E-06
Hexane	110-54-3	9.72E-07	0.00	3.16	1.58E-03
m-Xylene + p-Xylene		5.73E-08	0.00	0.19	9.32E-05
Methylene Chloride	75-09-2	2.68E-07	0.00	0.87	4.36E-04
Naphthalene	91-20-3	6.03E-09	0.00	0.02	9.81E-06
o-Xylene	95-47-6	2.94E-08	0.00	0.10	4.78E-05
Phenol	108-95-2	2.44E-08	0.00	0.08	3.97E-05
Toluene	108-88-3	9.37E-08	0.00	0.30	1.52E-04

Emission Calculations
Trelleborg Sealing Solutions
2531 Bremer Road
Fort Wayne, IN 46801
November 5, 2007
Submitted by Michael Ferguson
Ergo Resource Management
Reviewed by Rebecca Jacobs

TOTAL PLANT POTENTIAL

		tpy
Total Method 25A Organics		4.91E-01
Total Speciated Organics		2.25E-01
Total Particulate Matter		6.17E-05
Total Organic HAPS		4.03E-02
Total Metal HAPS		5.67E-01
Total HAPS		6.07E-01
1,1,1-Trichloroethane	71-55-6	1.41E-03
1,4-Dichlorobenzene	106-46-7	5.20E-05
2-Butanone	78-93-3	7.17E-04
4-Methyl-2-Pentanone	108-10-1	7.48E-05
Acetophenone	98-86-2	3.76E-04
Benzene	71-43-2	5.84E-04
bis(2-Ethylhexyl)phthalate	117-81-7	1.78E-03
Carbon Disulfide	75-15-0	3.26E-03
Chloroethane	75-00-3	2.32E-03
Chloroform	67-66-3	1.07E-05
Chloromethane	74-87-3	1.25E-05
Chromium (Cr) Compounds		8.26E-08
Di-n-butylphthalate	84-74-2	3.39E-05
Dibenzofuran	132-64-9	2.30E-05
Dimethylphthalate	131-11-3	3.43E-05
Hexane	110-54-3	4.56E-03
m-Xylene + p-Xylene		9.26E-05
Methylene Chloride	75-09-2	1.33E-03
Naphthalene	91-20-3	2.09E-04
o-Xylene	95-47-6	4.75E-05
Phenol	108-95-2	3.35E-04
Toluene	108-88-3	2.27E-02