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: Mar. 3, 2011

RE: CamCar LLC / 049-30198-00023

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

Notice of Decision: Approval - Registration

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 IC 4-21.5-3-4(d) this order is effective when it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

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 of 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
FN-REGIS.dot 1/2/08

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Ms. Jill Wood
Camcar, L.L.C.
4366 N. Old U.S. Highway 31
Rochester, Indiana 46975

Mar. 3, 2011

Re: 049-30198-00023
Registration Revision to
R049-13660-00023

Dear Ms. Wood:

Camcar, L.L.C was issued a Registration No. R049-13660-00023 on February 13, 2001 for a stationary fabricated metal production operation facility located 4366 N. Old U.S. Highway 31, Rochester, Indiana 46975. On February 8, 2011, the Office of Air Quality (OAQ) received an application from the source relating to construction and operation of a heat treatment operation equipment. The addition of this equipment to the registration is considered a Registration Revision, since the potential emissions of VOC of the quenching process is greater than ten (10) tons per year, the ranges specified in 326 IAC 2-5.5-6(d)(12) (see Appendix A for the calculation). The parts washer operation does not emit VOC because this process uses an alkaline solution. The particulate matter emissions from this process are negligible. On February 25, 2011, the company requested a change of the stack burner stress relief furnace from the hood to Stack 60. 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) (see Appendix A for the summary). Pursuant to 326 IAC 2-5.5-6, the registration is hereby revised as follows, with deleted language as ~~strikeouts~~ and new language **bolded**:

(1) Section A.2 (Emission Units and Pollution Control Equipment Summary) and Section D.1 (Operations Conditions) have been updated as follows:

A.2 Emission Units and Pollution Control Equipment Summary

.....

(i) One (1) natural gas-fired single burner stress relief furnace, with a maximum heat input capacity of 0.30 mmBtu/hr and exhausts through ~~a hood to the parts washer exhaust fan~~ **Stack #60**.

(t) One (1) heat treatment operation, identified as HT-1, approved for construction in 2011, with a maximum capacity of 2,000 pounds per hour of steel, with no control , and consisting of the following units:

(1) One (1) parts washer/heater, using an alkaline solution, with maximum heat input rate of 1.0 MMBtu/hr; exhausting through stack #54;

(2) One (1) hardening furnace, with maximum heat input rate of 3.0 MMBtu/hr; exhausting through stacks #52, 53, 55, and 57;

(3) One (1) endothermic generator, with maximum heat input rate of 0.11 MMBtu/hr, produces the gas to match the carbon content of the steel being process during the hardening process; exhausting through stack #56;

(4) One (1) quench oil tank; using quench oil solution; and

(5) One (1) tempering furnace and parts washer, using an alkaline solution or water, with maximum heat input rate of 3.0 MMBtu/hr. and exhausting through stacks #50, 51, 58, and 59.

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

.....

(i) One (1) natural gas-fired single burner stress relief furnace, with a maximum heat input capacity of 0.30 mmBtu/hr and exhausts through ~~a hood to the parts washer exhaust fan~~ **Stack #60**.

(t) One (1) heat treatment operation, identified as HT-1, approved for construction in 2011, with a maximum capacity of 2,000 pounds per hour of steel, with no control , and consisting of the following units:

(1) One (1) parts washer/heater, using an alkaline solution, with maximum heat input rate of 1.0 MMBtu/hr; exhausting through stack #54;

(2) One (1) hardening furnace, with maximum heat input rate of 3.0 MMBtu/hr; exhausting through stacks #52, 53, 55, and 57;

(3) One (1) endothermic generator, with maximum heat input rate of 0.11 MMBtu/hr, produces the gas to match the carbon content of the steel being process during the hardening process; exhausting through stack #56;

(4) One (1) quench oil tank; using quench oil solution; and

(5) One (1) tempering furnace and parts washer, using an alkaline solution or water, with maximum heat input rate of 3.0 MMBtu/hr. and exhausting through stacks #50, 51, 58, and 59.

(2) IDEM, OAQ has decided to make additional revisions to the registration as described below. The registration has been revised as follows with deleted language as ~~strikeouts~~ and new language **bolded**:

IDEM, OAQ has decided to remove all references to the source mailing address. IDEM, OAQ will continue to maintain records of the mailing address. Section A.1 of the registration has been revised as follows:

A.1 General Information

.....

~~Mailing Address: 4366 N. Old U.S. Highway 31, Rochester, IN 46975~~

No new State or Federal rules are applicable to this source. The endothermic generator is not a combustion engine that converts heat energy into mechanical work, rather this generator produces the gas to match the carbon content of the steel being process during the hardening process, therefore, 40 CFR 60 Subpart JJJJ—Standards of Performance for Stationary Spark Ignition Internal Combustion Engines requirements, and 40 CFR 63, Subpart ZZZZ, NESHAP for Stationary Reciprocating Internal Combustion Engines (RICE) requirements do not apply. The source shall continue to operate according to 326 IAC 2-5.5. Please find enclosed the revised registration.

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

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 Ms. Renee Traivaranon, at (800) 451-6027, press 0 and ask for Renee Traivaranon or extension 4-5615, or dial (317) 234-5615.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

IC/rt
Attachments: Registration Revision
Appendix A
cc: File - Fulton County
Fulton County Health Department
Compliance and Enforcement Branch
Billing, Licensing and Training Section

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REGISTRATION
OFFICE OF AIR QUALITY

Camcar, LLC
4366 N. Old U.S. Highway 31
Rochester, Indiana 46975

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. 049-13660-00023	
Original signed by: Paul Dubenetzky, Chief Permits Branch Office of Air Quality	Issuance Date: February 13, 2001

Registration Revision No. 049-18025-00023, issued on July 5, 2005
First Registration Notice-Only Change No. 049-21460-0023, issued on August 12, 2005
Second Registration Notice-Only Change No. 049-22692-0023, issued on March 9, 2006
Third Registration Notice-Only Change No. 049-28559-00023, issued on October 30, 2009

Registration Revision No. 049-30198-00023	
Issued by: Iryn Calilung, Section Chief Permits Branch Office of Air Quality	Issuance Date: Mar. 3, 2011

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

The Registrant owns and operates a stationary fabricated metal production operation facility.

Source Address:	4366 N. Old U.S. Highway 31, Rochester, Indiana 46975
General Source Phone Number:	(574) 223-9384
SIC Code:	3452
County Location:	Fulton County
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Registration

A.2 Emission Units and Pollution Control Equipment Summary

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

(a) Two (2) nut former machines with a maximum throughput of 1,630 gallons of oil per year per nut former, connecting to one (1) existing Trion electrostatic precipitator which controls oil mist and exhausts to a stack designated as #7.

(b) One (1) nut former machine with a maximum throughput of 1,630 gallons of oil per year, connecting to one (1) existing Trion electrostatic precipitator which controls oil mist and exhausts to a stack designated as #8.

(c) Two (2) natural gas-fired air make-up units, designated as AE-1 and AE-2, with a maximum heat input capacity of 5.661 mmBtu/hr each and exhaust to the atmosphere.

(d) One (1) natural gas-fired air make-up unit, designated as AE-3, with a maximum heat input capacity of 2.733 mmBtu/hr and exhausts to the atmosphere.

(e) One (1) alkaline parts washing system, with a maximum capacity of 9,000 pounds of low carbon steel per hour and consists of the following equipment:

(1) One (1) natural gas-fired parts washer heater, with a maximum heat input capacity of 6.0 mmBtu/hr and exhausts to a stack designated as Stack #4; and

(2) One (1) parts washer using an alkaline detergent and exhausts to a stack designated as Stack #2.

(3) One (1) rinse bath exhausting to a stack designated as Stack #3.

(f) One (1) natural gas-fired heated alkaline pan washer, with a maximum heat input capacity of 0.8 mmBtu/hr and exhausts to a stack designated as Stack #48.

(g) One (1) natural gas-fired wastewater evaporator, with a maximum heat input capacity of 0.75 mmBtu/hr and exhausts to a stack designated as Stack # 28.

(h) Three (3) natural gas-fired thermolyne furnaces, with a maximum heat input capacity of 0.4 mmBtu/hr each and exhausts to stacks designated as Stack #17, Stack #18 and Stack # 19.

(i) One (1) natural gas-fired single burner stress relief furnace, with a maximum heat input capacity of 0.30 mmBtu/hr and exhausts through Stack #60.

(j) One (1) natural gas-fired roof mounted heating and air condition unit, with a maximum heat input capacity of 0.1216 mmBtu/hr and exhausts to a stack designated as Stack #20.

(k) Seven (7) natural gas-fed roof mounted heating and air conditioning units, with a maximum heat input capacity of 0.225 mmBtu/hr each and exhaust to stacks designated as Stack #21, Stack #22, Stack #24, Stack #28a, Stack # 29, Stack #30 and Stack #31.

(l) Two (2) natural gas-fired roof mounted heating and air condition units, with a maximum heat input capacity of 0.08 mmBtu/hr each and exhaust to stacks designated as Stack #23 and Stack #26.

(m) One (1) natural gas-fired roof mounted heating and air conditioning unit, with a maximum heat input capacity of 0.275 mmBtu/hr and exhausts to a stack designated as Stack # 25.

(n) One (1) natural gas-fired roof mounted heating and air conditioning unit, with a maximum heat input capacity of 0.05 mmBtu/hr and exhausts to a stack designated as Stack # 27.

(o) One (1) electric chip separator.

(p) Fifteen (15) satellite cleaning stations with a maximum solvent usage rate of 4.27 pounds of solvent per hour and exhausts to the atmosphere.

(q) One (1) cold header operation, with a maximum throughput of 445 pounds of low carbon stainless steel, brass or alloy steel per hour, with a maximum capacity of 6,000 gallons of lubricating oil per year, equipped with one (1) Trion electrostatic precipitator to control oil mist and exhausts to a stack designated as Stack #6.

(r) Two (2) cold header operations, with a maximum throughput of 445 pounds of low carbon stainless steel, brass or alloy steel per hour per operation, with a maximum capacity of 6,000 gallons of lubricating oil per year per operation, equipped with one (1) Trion electrostatic precipitator to control oil mist and exhaust to stacks designated as Stack #7 and Stack #8.

(s) One (1) threading operation, with a maximum throughput of 445 pounds of low carbon stainless steel, brass or alloy steel per hour.

(t) One (1) heat treatment operation, identified as HT-1, approved for construction in 2011, with a maximum capacity of 2,000 pounds per hour of steel, with no control , and consisting of the following units:

(1) One (1) parts washer/heater, using an alkaline solution, with maximum heat input rate of 1.0 MMBtu/hr; exhausting through stack #54;

(2) One (1) hardening furnace, with maximum heat input rate of 3.0 MMBtu/hr; exhausting through stacks #52, 53, 55, and 57;

(3) One (1) endothermic generator, with maximum heat input rate of 0.11 MMBtu/hr, produces the gas to match the carbon content of the steel being process during the hardening process; exhausting through stack #56;

(4) One (1) quench oil tank; using quench oil solution; and

(5) One (1) tempering furnace and parts washer, using an alkaline solution or water, with maximum heat input rate of 3.0 MMBtu/hr. and exhausting through stacks #50, 51, 58, and 59.

SECTION B GENERAL CONDITIONS

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

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]

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]

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 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]

(a) All terms and conditions of permits established prior to Registration No. 049-13660-00023 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)]

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)]

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)]

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

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) Two (2) nut former machines with a maximum throughput of 1,630 gallons of oil per year per nut former, connecting to one (1) existing Trion electrostatic precipitator which controls oil mist and exhausts to a stack designated as #7.

(b) One (1) nut former machine with a maximum throughput of 1,630 gallons of oil per year, connecting to one (1) existing Trion electrostatic precipitator which controls oil mist and exhausts to a stack designated as #8.

(c) Two (2) natural gas-fired air make-up units, designated as AE-1 and AE-2, with a maximum heat input capacity of 5.661 mmBtu/hr each and exhaust to the atmosphere.

(d) One (1) natural gas-fired air make-up unit, designated as AE-3, with a maximum heat input capacity of 2.733 mmBtu/hr and exhausts to the atmosphere.

(e) One (1) alkaline parts washing system, with a maximum capacity of 9,000 pounds of low carbon steel per hour and consists of the following equipment:

(1) One (1) natural gas-fired parts washer heater, with a maximum heat input capacity of 6.0 mmBtu/hr and exhausts to a stack designated as Stack #4; and

(2) One (1) parts washer using an alkaline detergent and exhausts to a stack designated as Stack #2.

(3) One (1) rinse bath exhausting to a stack designated as Stack #3.

(f) One (1) natural gas-fired heated alkaline pan washer, with a maximum heat input capacity of 0.8 mmBtu/hr and exhausts to a stack designated as Stack #48.

(g) One (1) natural gas-fired wastewater evaporator, with a maximum heat input capacity of 0.75 mmBtu/hr and exhausts to a stack designated as Stack # 28.

(h) Three (3) natural gas-fired thermolyne furnaces, with a maximum heat input capacity of 0.4 mmBtu/hr each and exhausts to stacks designated as Stack #17, Stack #18 and Stack # 19.

(i) One (1) natural gas-fired single burner stress relief furnace, with a maximum heat input capacity of 0.30 mmBtu/hr and exhausts through Stack #60.

(j) One (1) natural gas-fired roof mounted heating and air condition unit, with a maximum heat input capacity of 0.1216 mmBtu/hr and exhausts to a stack designated as Stack #20.

(k) Seven (7) natural gas-fed roof mounted heating and air conditioning units, with a maximum heat input capacity of 0.225 mmBtu/hr each and exhaust to stacks designated as Stack #21, Stack #22, Stack #24, Stack #28a, Stack # 29, Stack #30 and Stack #31.

(l) Two (2) natural gas-fired roof mounted heating and air condition units, with a maximum heat input capacity of 0.08 mmBtu/hr each and exhaust to stacks designated as Stack #23 and Stack #26.

(m) One (1) natural gas-fired roof mounted heating and air conditioning unit, with a maximum heat input capacity of 0.275 mmBtu/hr and exhausts to a stack designated as Stack # 25.

Facility Description Continue:

(n) One (1) natural gas-fired roof mounted heating and air conditioning unit, with a maximum heat input capacity of 0.05 mmBtu/hr and exhausts to a stack designated as Stack # 27.

(o) One (1) electric chip separator.

(p) Fifteen (15) satellite cleaning stations with a maximum solvent usage rate of 4.27 pounds of solvent per hour and exhausts to the atmosphere.

(q) One (1) cold header operation, with a maximum throughput of 445 pounds of low carbon stainless steel, brass or alloy steel per hour, with a maximum capacity of 6,000 gallons of lubricating oil per year, equipped with one (1) Trion electrostatic precipitator to control oil mist and exhausts to a stack designated as Stack #6.

(r) Two (2) cold header operations, with a maximum throughput of 445 pounds of low carbon stainless steel, brass or alloy steel per hour per operation, with a maximum capacity of 6,000 gallons of lubricating oil per year per operation, equipped with one (1) Trion electrostatic precipitator to control oil mist and exhaust to stacks designated as Stack #7 and Stack #8.

(s) One (1) threading operation, with a maximum throughput of 445 pounds of low carbon stainless steel, brass or alloy steel per hour.

(t) One (1) heat treatment operation, identified as HT-1, approved for construction in 2011, with a maximum capacity of 2,000 pounds per hour of steel, with no control , and consisting of the following units:

(1) One (1) parts washer/heater, using an alkaline solution, with maximum heat input rate of 1.0 MMBtu/hr; exhausting through stack #54;

(2) One (1) hardening furnace, with maximum heat input rate of 3.0 MMBtu/hr; exhausting through stacks #52, 53, 55, and 57;

(3) One (1) endothermic generator, with maximum heat input rate of 0.11 MMBtu/hr, produces the gas to match the carbon content of the steel being process during the hardening process; exhausting through stack #56;

(4) One (1) quench oil tank; using quench oil solution; and

(5) One (1) tempering furnace and parts washer, using an alkaline solution or water, with maximum heat input rate of 3.0 MMBtu/hr. and exhausting through stacks #50, 51, 58, and 59.

(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 2-7-5(1)]

D.1.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations), particulate matter (PM) from the Cold Header #3 shall be limited by the following:

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 Cold Cleaning Operations and Control [326 IAC 8-3-5]

Pursuant to 326 IAC 8-3-5a (Cold Cleaning Operations and Control)

(a) The Permittee of a cold cleaner degreaser facility shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kilopascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight (38°C) (one hundred degrees Fahrenheit (100°F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kilopascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight (38°C) (one hundred degrees Fahrenheit (100°F)) then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in 326 IAC 8-3-5(b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kilopascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight (38°C) (one hundred degrees Fahrenheit (100°F)) or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120°F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller or carbon adsorption. Such systems shall be submitted to the U. S. EPA as a SIP revision.

(b) The Permittee of a cold cleaner degreaser facility shall ensure that the operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

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

D.1.3 Particulate Control

Pursuant to 326 IAC 6-3-2, the Electrostatic Precipitator shall be in operation at all times the Cold Header #3 is in operation, and the Permittee shall operate the control device in accordance with the manufacturer's specifications.

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).

Company Name:	Camcar, L.L.C.
Address:	4366 N. Old U.S. Hwy 31
City:	Rochester, IN 46975
Phone Number:	574-223-9320
Registration No.:	049-13660-00023

I hereby certify that Camcar, LLC is :
☐ still in operation.
☐ no longer in operation.

I hereby certify that Camcar, LLC is :
☐ in compliance with the requirements of Registration No. 049-13660-00023.
☐ not in compliance with the requirements of Registration No. 049-13660-00023.

Authorized Individual (typed):
Title:
Signature:
Phone Number:
Date:

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.

Noncompliance:

Appendix A: Emissions Calculations
PTE Summary
Company Name: Camcar LLC
Address City IN Zip: 4366 N Old US Highway 31, Rochester, IN 46975
Permit Number: 049-30198-00023
Reviewer: Renee Traivaranon
Date: February 21, 2011

Emission Unit	Limited PTE (tons/year) Pollutant								
	PM	PM10	PM2.5	SO2	VOC	CO	NOX	Single HAP	Total HAP
Total Source[1]	4.76	5.38	5.38	0.07	1.94	9.19	10.9	<10	<25
Stress Relief Furnace[2]	2.5E-03	1.0E-02	1.0E-02	7.9E-04	7.2E-03	0.1	0.13	negl.	negl.
Heat Treatment Process[3]	0.1	0.2	0.2	0.02	12.5	2.6	3.11	5.6E-02	6.0E-02
Total	4.82	5.63	5.63	0.09	14.48	11.91	14.14	<10	<25

1. PTE from Permit #049-21460-00023, dated August 12, 2005. Assume PM10 = PM2.5
2. PTE from Permit #049-28559-00023, dated October 30, 2009. Assume PM10 = PM2.5
3. PTE from Permit #049-30198-00023, Assume PM10 = PM2.5 (See Page 2-4 of this Appendix A)

Appendix A: Emissions Calculations
VOC

Quench Oil

Company Name: Camcar LLC
Address City IN Zip: 4366 N Old US Highway 31, Rochester, IN 46975
Permit Number: 049-30198-00023
Reviewer: Renee Traivaranon
Date: February 21, 2011

Material	Density (Lb/Gal)	Weight % Volatile (H20 & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	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)	lb VOC/gal solids	Transfer Efficiency
Thermosel K9 w/ Quench	7.1	19.87%	0.0%	19.9%	0.0%	80.13%	1.0	2.0	1.41	1.41	2.82	67.72	12.36	0.00	1.76	100%

Note: VOC is from quesching oil only. NO VOC from parts washer since only alkline solution is used.

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
Natural Gas Combustion Only
Heat Teatment Process

Company Name: **Camcar LLC**
Address City IN Zip: **4366 N Old US Highway 31, Rochester, IN 46975**
Permit Number: **049-30198-00023**
Reviewer: **Renee Traivaranon**
Date: **February 21, 2011**

Heat Input Capacity MMBtu/hr	HHV mmBtu / mmscf	Potential Throughput MMCF/yr
7.1	1000	62.2

	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.1	0.2	0.02	3.1	0.2	2.6

*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 = 1,000,000 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 2 for HAPs emissions calculations.

Appendix A: Emissions Calculations
Natural Gas Combustion Only
Heat Teatment Process
HAPs Emissions

Company Name: Camcar LLC
Address City IN Zip: 4366 N Old US Highway 31, Rochester, IN 46975
Permit Number: 049-30198-00023
Reviewer: Renee Traivaranon
Date: February 21, 2011

	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	6.531E-05	3.732E-05	2.332E-03	5.598E-02	1.057E-04

	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	1.555E-05	3.421E-05	4.354E-05	1.182E-05	6.531E-05

Methodology is the same as page 1.

The five highest organic and metal HAPs emission factors are provided above.
Additional HAPs emission factors are available in AP-42, Chapter 1.4.

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

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

TO: Jill Wood
CamCar LLC
4366 N. Old US Hwy 31
Rochester IN 46975

DATE: Mar. 3, 2011

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

SUBJECT: Final Decision
Registration Revision
049-30198-00023

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:
Plant Mgr. CamCar LLC
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.

Mail Code 61-53

IDEM Staff	BMILLER 3/3/2011 CamCar, LLC 049-30198-00023 (final)		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	Type of Mail: **CERTIFICATE OF MAILING ONLY**

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		Jill Wood CamCar, LLC 4366 N Old US Hwy 31 Rochester IN 46975 (Source CAATS) ***Via Confirm Delivery***									
2		Plant Mgr CamCar, LLC 4366 N Old US Hwy 31 Rochester IN 46975 *(RO CAATS)*									
3		Fulton County Commissioners 1093 E 600 N Rochester IN 46975 *(Local Official)*									
4		Mr. Charles L. Berger Berger & Berger, Attorneys at Law 313 Main Street Evansville IN 47700 *(Affected Party)*									
5		Fulton County Health Department 125 E 9th Street #125 Rochester IN 46975-7119 *(Health Department)*									
6		Rochester City Council and Mayors Office 320 Main St Rochester IN 46975 *(Local Official)*									
7		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 *(Affected Party)*									
8											
9											
10											
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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 ***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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