ConGlobal Industries, Inc.
Refinishing Operation
Facility ID No.: 0310333
Duval County

Title V Air Operation Permit Renewal
PROPOSED Permit No.: 0310333-008-AV
Renewal to Title V Air Operation Permit No.: 0310333-004-AV

PERMITTING & COMPLIANCE AUTHORITY:
ENVIRONMENTAL AND COMPLIANCE DEPARTMENT
ENVIRONMENTAL QUALITY DIVISION
407 NORTH LAURA STREET, THIRD FLOOR
JACKSONVILLE, FL 32202
TELEPHONE: (904) 255-7100
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Title V Air Operation Permit Renewal

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Emission Unit ID No.	Brief Description
Emissions Unit 001	Shot Blasting Operation
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Permittee:
ConGlobal Industries, Inc.
8831 Moncrief/Dinsmore Road
Jacksonville, FL 32219

PROPOSED Permit No.: 0310333-008-AV
Facility ID No.: 0310333
SIC Nos.: 34
Project: Title V Air Operation Permit Renewal
Refinishing Operation

This permit is for the purpose of renewing Title V Operation Permit No. 0310333-004-AV and incorporating the Transfer of Air Permit from Diversified Container Services, Inc., a refinishing operation, to ConGlobal Industries, Inc. This facility is located at 8831 Moncrief/Dinsmore Road, Jacksonville, Duval County; FL 32219; UTM Coordinates: Zone 17, 427.73 km East and 3364.85 km North; Latitude: 30° 24' 81" North and Longitude: 81° 45' 15" West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (FS) and Chapters 62-4, 62-210, and 62-213, Florida Administrative Code (FAC). The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Permitting Authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Statement of Basis
Appendix B - Table 2 to Subpart MMMM of Part 63
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix SS-1, STACK SAMPLING FACILITIES
Appendix TV-6
Operation and Maintenance Plan

Effective Date:
Renewal Application Due Date:
Expiration Date:

Environmental and Compliance Department
Environmental Quality Division

_____
Vincent A. Seibold, P.E.
Division Chief

VAS/HDS

Section I. Facility Information

Subsection A. Facility Description.

This permit is for the purpose of renewing Title V Operation Permit No. 0310333-004-AV and incorporating the Transfer of Air Permit from Diversified Container Services, Inc., a refinishing operation, to ConGlobal Industries, Inc.

This facility refinishes shipping containers, roll-off containers, vehicles and miscellaneous metal parts. The refinishing operations consist of steel shot blasting, spray painting and silica blasting.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Renewal Application received May 6, 2010, this facility is a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

EU ID No.	Brief Description	Control Device
001	Shot Blasting Operation	Hoffman Model DFT3-24 Dust Collector
002	Spray Painting Operation	Low Solvent Coating Technology
003	Shot Blast Building	Pangborn Model 120HP1015 TH Dust Collector
004	Global Paint Booth	Low Solvent Coating Technology
005	Silica Blasting Operation	Containment Screens

Note: Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History
Appendix LR-1, Local Rule Index
Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements

These documents are on file with Permitting Authority:

Title V Permit Renewal Application received May 6, 2010
Title V Air Operation Permit No. 0310333-004-AV
Letter from George L. Whitmer, Whitmer Environmental Services, Inc. dated August 25, 2010
Two e-mails from George L. Whitmer, Whitmer Environmental Services, Inc. dated December 10, 2010

Section II. Facility-wide Conditions

The following conditions apply facility-wide:

1. Appendix TV-6, Title V Conditions, is a part of this permit.
   {Permitting note: Appendix TV-6, Title V Conditions, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

2. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions.
   The permittee shall allow no person to store, pump, handle, process, load, unload, or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Permitting Authority.
   [Rule 62-296.320(1), and Rule 2.1101, JEPB]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard.
   Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity) in accordance with Rule 62-296.320(4)(b)1., FAC, and Rule 2.1101, JEPB. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, FAC, and Rule 2.1201, JEPB.

4. Stack sampling facilities and control equipment shall be provided with a method of access that is safe and readily accessible.
   [Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]

5. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.
   [Rule 62-210.700(1), (4), and (6), FAC, and Rule 2.201, JEPB]

6. Permittee shall notify the Permitting Authority fifteen (15) days prior to the date of each formal compliance test conducted for an emissions unit.
   [Rule 62-297.310(7)(a)9., FAC, and Rule 2.1201, JEPB]

7. Testing of emissions shall be conducted with the Emissions Unit operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then EU(s) may be tested at less capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.
[Rule 62-297.310(2), FAC, and Rule 2.1201, JEPB]

8. Copies of the test report(s) shall be filed with the Permitting Authority within forty-five (45) days of completion of testing.
[Rule 62-297.310(8)(b), FAC, and Rule 2.1201, JEPB]

9. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter emissions from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions include the following:

   a. Paving and maintenance of roads, parking areas and yards.
   b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
   c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
   d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.
   e. Landscaping or planting of vegetation.
   f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
   g. Confining abrasive blasting where possible.
   h. Enclosure or covering of conveyor systems.

   [Rule 62-296.320(4)(c)1 & 3, FAC, and Rule 2.1101, JEPB]

10. Annual Operation Report. Permittee shall submit an annual operating report to the Permitting Authority for all emissions units on the forms supplied for each calendar year by April 1 of the following year.
[Rule 62-210.370(3), F.A.C. and Rule 2.301, JEPB]

11. Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Permitting Authority in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.

   a. The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.
   b. If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Permitting Authority as soon as possible after the date of such startup is ascertained.

   [Rule 62-210.300(5), F.A.C. and Rule 2.301, JEPB]

12. Insignificant Emission Units and/or Activities, Appendix I-1, List of Insignificant Emission Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), FAC, Rule 62-213.430(6), FAC, and Rule 62-4.040(1)(b), FAC; Rule 2.501, JEPB, and Rule 2.1401, JEPB]

13. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., FAC, shall be submitted to the Permitting Authority and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), FAC. {Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of Appendix TV-6, Title V Conditions)}
[Rules 62-213.440(3) and 62-213.900, FAC, and Rule 2.501, JEPB]

14. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
[Rule 62-213.420(4), FAC., and Rule 2.501, JEPB]

15. Permit Renewal. For purposes of a permit renewal, a timely application is one that is submitted 225 days before the expiration of a permit that expires on or after June 1, 2009.
[Rule 62-213.420(1)(a)2., F.A.C. and Rule 2.501, JEPB]

16. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-Line Information Center at the following Internet web site: "http://www.dep.state.fl.us/air/emission/tvfee.htm".
[Rule 62-213.205, FAC and Rule 2.501, JEPB]

17. Prevention of Accidental Releases (Section 112(r) of CAA).

    a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

    RMP Reporting Center
    Post Office Box 10162
    Fairfax, VA 22038
    Telephone: (703) 227-7650

    and,

    b. The permittee shall submit to the Permitting Authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), FAC.

    [40 CFR 68]

18. When appropriate, any recording, monitoring or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, FAC and Rule 2.501, JEPB]

19. Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air & EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, GA 30303-8960
Telephone: (404) 562-9155
Fax: (404) 562-9163

20. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. The permittee shall report in accordance with the requirements of Rule 62-210.700(6), FAC, Rule 62-4.130, FAC, Rule 2.301, JEPB, and Rule 2.1401, JEPB, deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), FAC, and Rule 2.501, JEPB. Unless otherwise specified in **a permit, rule, or order;** reports shall cover the period of January through June (report due on or before September 1) and July through December (report due on or before March 1).
[Rule 62-213.440(1)(b)3., FAC, and Rule 2.501, JEPB]

21. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

The following Facility-wide conditions are not federally enforceable

22. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), FAC, and Rule 2.1101, JEPB.]

23. The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

24. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

Section III. Emissions Unit(s) and Conditions

Emissions Unit No. 001 – Shot Blasting Operation

Emissions Unit Description:	The steel shot blasting operation is conducted in a fully enclosed building with a dust collector.
Particulate Matter (PM) Control Device:	Hoffman Model DFT3-24 Dust Collector

Essential Potential to Emit (PTE) Parameters

1. The nominal volumetric flow rate from this emissions unit is 13,300 cubic feet per minute.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

3. This emissions unit is allowed to operate 2,600 hours per year (hrs/yr).
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

4. Particulate Matter (PM) emissions shall not exceed 0.03 grains per dry standard cubic foot (gr/dscf), 3.42 pounds per hour (lbs/hr), and 4.45 tons per year (tons/yr).
   [Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

5. Visible emissions (VE) shall not exceed 5 % opacity.
   [Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for the demonstration of compliance, upon request, shall be performed in accordance with EPA Reference Method (RM) 5 (as described in 40 CFR 60, Appendix A) for particulate matter.
   [Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB.]

7. Testing for the demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, appendix A) for the visual determination of opacity.
   [Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. VE shall be tested annually from the date of September 1, 2009.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Reporting and Recordkeeping Procedures

9. An Operation and Maintenance Plan shall be attached to and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of five (5) years.
   [Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

Emissions Unit No. 002 - Spray Painting Operation

Emissions Unit Description: The spray painting operation is used to surface coat shipping containers, roll-off containers, vehicles and miscellaneous metal parts.

Emissions Limitations and Standards

1. ConGlobal Industries, Inc. shall comply with the provisions of 40 CFR 63, Subpart MMMM – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products, and 40 CFR 63, Subpart A – General Provisions (as described in Appendix B to Subpart MMMM of Part 63 – General Provisions of Applicability to Subpart MMMM).

2. Reasonably Available Control Technology (RACT) requirements including **Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities** [Rule 62-296.500(1 & 2), FAC, and Rule 2.1101, JEPB]; and **Surface Coating of Miscellaneous Metal Parts and Products** [Rule 62-296.513, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

3. This emissions unit is allowed to operate 2,600 hrs/yr.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

4. Coatings (as applied) shall not exceed a maximum of 3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water.
   [Rule 62-296.513(2)(a)2., FAC, and Rule 2.1101, JEPB]

5. The maximum allowable VOC emissions from this emissions unit shall not exceed 43.68 tons/yr.
   [Rule 62-296.500(2)(a), FAC, and Rule 2.1101, JEPB]

6. For an existing affected source, you (ConGlobal Industries, Inc.) must limit organic HAP emissions to the atmosphere from the affected source to the applicable limit as follows:

   a. For each existing general use coating affected source, limit organic HAP emissions to no more than 2.6 pound organic HAP per gallon coating solids used during each 12-month compliance period.
   b. For each existing high performance coating affected source, limit organic HAP emissions to no more than 27.5 pounds organic HAP per gallon coating solids used during each 12-month compliance period.
   c. For each existing magnet wire coating affected source, limit organic HAP emissions to no more than 1.0 pound organic HAP per gallon coating solids used during each 12-month compliance period.
   d. For each existing rubber-to-metal coating affected source, limit organic HAP emissions to no more than 37.7 pounds organic HAP per gallon coating solids used during each 12-month compliance period.
   e. For each existing extreme performance fluoropolymer coating affected source, limit organic HAP emissions to no more than 12.4 pounds organic HAP per gallon coating solids used during each 12-month compliance period.

   [40 CFR 63.3890, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures, Compliance Demonstrations

7. Testing for the demonstration of compliance shall be performed in accordance with EPA RM 24 (as described in 40 CFR 60, Appendix A) for volatile organic compounds. Manufacturer's data sheets with VOC and HAP contents may be substituted with the approval of the Permitting Authority.
   [Rule 62-296.513(4), FAC, and Rule 2.1101, JEPB]

8. Compliant Material Option--Procedures for demonstration of continuous compliance using the compliant material option shall be in accordance with the requirements in 40 CFR 63.3942. The coating operation or group of coating operations must use no coating with an organic HAP content (determined in accordance with Equation 2 of 40 CFR 63.3941) that exceeds the applicable emission limits in 40 CFR 63.3890 and must use no thinner and/or other additive, or cleaning material that contains organic HAP as determined according to 40 CFR 63.3941(a). A compliance period consists of 12 months. Each month, after the end of the initial compliance period described in 40 CFR 63.3940, is the end of a compliance period consisting of that month and the preceding 11 months. Any coating operation for which you use the compliant material option is not required to meet the operating limits or work practice standards required in 40 CFR 63.3892 and 63.3893, respectively.
   [40 CFR 63.3942(a), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

9. Compliant Material Option--Use of a coating, thinner and/or additive, or cleaning material that does not meet the criteria specified in 40 CFR 63.3890 is a deviation from the emission limitations that must be reported as specified by 40 CFR 63.3910(c)(6) and 40 CFR 63.3920(a)(5).
   [40 CFR 63.3942(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

10. Compliant Material Option--As part of each semi-annual report required by 40 CFR 63.3920 each coating operation(s) for which the compliant material operation is used must be identified. If there were no deviations from the emission limit specified in 40 CFR 63.3890 submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.3890 were used, and no thinner and/or other additive, or cleaning material that contained organic HAP, determined according to 40 CFR 63.3941(a) were used.
    [40 CFR 63.3942(c), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

11. Emission Rate Without Add-on Controls Option--Procedures for demonstration of continuous compliance using the emission rate without add-on controls option shall be in accordance with the requirements in 40 CFR 63.3952. The organic HAP emission rate for each compliance period, determined according to 40 CFR 63.3951(a) through (g), must be less than or equal to the applicable emission limit in 40 CFR 63.3890. A compliance period consists of 12 months. Each month after the end of the initial compliance period described in 40 CFR 63.3950 is the end of a compliance period consisting of that month and the preceding 11 months. You must perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation.
    [40 CFR 63.3952(a), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. Emission Rate Without Add-on Controls Option--If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in 40 CFR 63.3890, this is a deviation from the emission limitation for that compliance period and must be reported as specified in 40 CFR 63.3910(c)(6) and 63.3920(a)(6).
    [40 CFR 63.3952(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Emission Rate Without Add-on Controls Option--As part of each semiannual compliance report required by 40 CFR 63.3920, you must identify the coating operation(s) for which you used the emission rate without add-on controls option. If there were no deviations from the emission limitations, you must submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g).
    [40 CFR 63.3952(c), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

14. Calculate the organic HAP content, pounds of organic HAP emitted per gallon coating solids used, of each coating used during the compliance period using the following equation:

$$H_C = \frac{(D_C)(W_C)}{V_S}$$

Where:

H_C = Organic HAP content of the coating, pound organic HAP emitted per gallon coating solids used.

D_C = Density of coating, pound coating per gallon coating, determined according to paragraph 40 CFR 63.3941(c).

W_C = Mass fraction of organic HAP in the coating, pound organic HAP per pound coating, determined according to paragraph 40 CFR 63.3941(a).

V_S = Volume fraction of coating solids, gallon coating solids per gallon coating, determined according to according to paragraph 40 CFR 63.3941(b).

[40 CFR 63.3941, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

15. Records shall be maintained monthly for the following:

    a. Amount of coating applied
    b. VOC content (lbs/gal) of coatings as applied
    c. Amount of surface preparation, clean-up and wash-up solvent / thinner usage
    d. VOC content of solvent / thinner
    e. VOC emissions
    f. Hazardous air pollutants (HAP) content of coatings and solvents
    g. HAP emissions

    Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request.
    [Rule 62-296.500(2), FAC, Rule 62-213.440(1)(b), FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

16. ConGlobal Industries, Inc. must submit semiannual compliance reports for each affected source as described in 40 CFR 63.3920.
    [40 CFR 63.3920, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

17. ConGlobal Industries, Inc. shall keep a current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If you conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier. You are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.
    [40 CFR 63.3930(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

18. ConGlobal Industries, Inc. shall keep for each compliance period the records specified below:

    a. A record of the coating operations on which you used each compliance option and the time periods (beginning and ending dates and times) for each option you used.
    b. For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.3941.
    c. For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.3951; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4); the calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951; and the calculation of each 12-month organic HAP emission rate using Equation 3 of 40 CFR 63.3951.
    d. A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If you are using the compliant material option for all coatings at the source, you may maintain purchase records for each material used rather than a record of the volume used.
    e. A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight.
    f. A record of the volume fraction of coating solids for each coating used during each compliance period.
    g. If you use the emission rate without add-on controls compliance option the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.
    h. You must keep records of the date, time, and duration of each deviation.
    [40 CFR 63.3930, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

19. ConGlobal Industries, Inc. must collect and keep records of the data and information specified in 40 CFR 63.3930. Failure to collect and keep these records is a deviation from the applicable standard.
    [40 CFR 63.3930, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emissions Unit No. 003 – Shot Blast Building

Emissions Unit Description:	The steel shot blasting operation is conducted in a fully enclosed building with a dust collector.
PM Control Device:	Pangborn Model Number 120HP1015 TH Dust Collector

Essential Potential to Emit (PTE) Parameters

1. The nominal volumetric flow rate from this emissions unit is 11,000 dry standard cubic feet per minute.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

3. This emissions unit is allowed to operate 2,080 hrs/yr.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

4. PM emissions shall not exceed 0.03 grains per dry standard cubic foot, 2.83 lbs/hr, and 2.94 tons/yr.
   [Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

5. VE shall not exceed 5 % opacity.
   [Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for the demonstration of compliance, upon request, shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for particulate matter.
   [Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB.]

7. Testing for the demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
   [Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB.]

8. VE shall be tested annually from the date of September 1, 2009.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Reporting and Recordkeeping Procedures

9. An Operation and Maintenance Plan shall be attached to and shall be part of this permit. All activities shall be performed as scheduled and recorded. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of five (5) years.
   [Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

Emissions Unit No. 004 – Global Paint Booth

Emissions Unit Description: The global paint booth operation is used to surface coat vehicles, metal containers and miscellaneous metal parts.

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Emissions Limitations and Standards

1. ConGlobal Industries, Inc. shall comply with the provisions of 40 CFR 63, Subpart MMMM – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products, and 40 CFR 63, Subpart A – General Provisions (as described in Appendix B to Subpart MMMM of Part 63 – General Provisions of Applicability to Subpart MMMM).

2. Reasonably Available Control Technology (RACT) requirements including **Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities** [Rule 62-296.500(1 & 2), FAC, and Rule 2.1101, JEPB]; and **Surface Coating of Miscellaneous Metal Parts and Products** [Rule 62-296.513, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

3. This emissions unit is allowed to operate 2,600 hrs/yr.
   [Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

4. Coatings (as applied) shall not exceed a maximum of 3.5 pounds of volatile organic compounds (VOC) per gallon of coating, excluding water.
   [Rule 62-296.513(2)(a)2., FAC, and Rule 2.1101, JEPB]

5. The maximum allowable VOC emissions from this emissions unit shall not exceed 12.25 tons/yr.
   [Rule 62-296.500(2)(a), FAC, and Rule 2.1101, JEPB]

6. For a new or reconstructed affected source (EU-004), you (ConGlobal Industries, Inc.) must limit organic HAP emissions to the atmosphere from the affected source to the applicable limit as follows:

   a. For each new general use coating affected source, limit organic HAP emissions to no more than 1.9 pound organic HAP per gallon coating solids used during each 12-month compliance period.
   b. For each new high performance coating affected source, limit organic HAP emissions to no more than 27.5 pounds organic HAP per gallon coating solids used during each 12-month compliance period.
   c. For each new magnet wire coating affected source, limit organic HAP emissions to no more than 0.44 pound organic HAP per gallon coating solids used during each 12-month compliance period.
   d. For each new rubber-to-metal coating affected source, limit organic HAP emissions to no more than 6.8 pounds organic HAP per gallon coating solids used during each 12-month compliance period.
   e. For each new extreme performance fluoropolymer coating affected source, limit organic HAP emissions to no more than 12.4 pounds organic HAP per gallon coating solids used during each 12-month compliance period.

   [40 CFR 63.3890, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures, Compliance Demonstrations

7. Testing for the demonstration of compliance shall be performed in accordance with EPA RM 24 (as described in 40 CFR 60, Appendix A) for volatile organic compounds. Manufacturer's data sheets with VOC and HAP contents may be substituted with the approval of the Permitting Authority.
   [Rule 62-296.513(4), FAC, and Rule 2.1101, JEPB]

8. Compliant Material Option--Procedures for demonstration of continuous compliance using the compliant material option shall be in accordance with the requirements in 40 CFR 63.3942. The coating operation or group of coating operations must use no coating with an organic HAP content (determined in accordance with Equation 2 of 40 CFR 63.3941) that exceeds the applicable emission limits in 40 CFR 63.3890 and must use no thinner and/or other additive, or cleaning material that contains organic HAP as determined according to 40 CFR 63.3941(a). A compliance period consists of 12 months. Each month, after the end of the initial compliance period described in 40 CFR 63.3940, is the end of a compliance period consisting of that month and the preceding 11 months. Any coating operation for which you use the compliant material option is not required to meet the operating limits or work practice standards required in 40 CFR 63.3892 and 63.3893, respectively.
   [40 CFR 63.3942(a), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

9. Compliant Material Option--Use of a coating, thinner and/or additive, or cleaning material that does not meet the criteria specified in 40 CFR 63.3890 is a deviation from the emission limitations that must be reported as specified by 40 CFR 63.3910(c)(6) and 40 CFR 63.3920(a)(5).
   [40 CFR 63.3942(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

10. Compliant Material Option--As part of each semi-annual report required by 40 CFR 63.3920 each coating operation(s) for which the compliant material operation is used must be identified. If there were no deviations from the emission limit specified in 40 CFR 63.3890 submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.3890 were used, and no thinner and/or other additive, or cleaning material that contained organic HAP, determined according to 40 CFR 63.3941(a) were used.
    [40 CFR 63.3942(c), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

11. Emission Rate Without Add-on Controls Option--Procedures for demonstration of continuous compliance using the emission rate without add-on controls option shall be in accordance with the requirements in 40 CFR 63.3952. The organic HAP emission rate for each compliance period, determined according to 40 CFR 63.3951(a) through (g), must be less than or equal to the applicable emission limit in 40 CFR 63.3890. A compliance period consists of 12 months. Each month after the end of the initial compliance period described in 40 CFR 63.3950 is the end of a compliance period consisting of that month and the preceding 11 months. You must perform the calculations in 40 CFR 63.3951(a) through (g) on a monthly basis using data from the previous 12 months of operation.
[40 CFR 63.3952(a), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. Emission Rate Without Add-on Controls Option--If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in 40 CFR 63.3890, this is a deviation from the emission limitation for that compliance period and must be reported as specified in 40 CFR 63.3910(c)(6) and 63.3920(a)(6).
[40 CFR 63.3952(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Emission Rate Without Add-on Controls Option--As part of each semiannual compliance report required by 40 CFR 63.3920, you must identify the coating operation(s) for which you used the emission rate without add-on controls option. If there were no deviations from the emission limitations, you must submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in 40 CFR 63.3890, determined according to 40 CFR 63.3951(a) through (g).
[40 CFR 63.3952(c), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

14. Calculate the organic HAP content, pounds of organic HAP emitted per gallon coating solids used, of each coating used during the compliance period using the following equation:

$$H_C = \frac{(D_C)(W_C)}{V_S}$$

Where:
H_C = Organic HAP content of the coating, pound organic HAP emitted per gallon coating solids used.
D_C = Density of coating, pound coating per gallon coating, determined according to paragraph 40 CFR 63.3941(c).
W_C = Mass fraction of organic HAP in the coating, pound organic HAP per pound coating, determined according to paragraph 40 CFR 63.3941(a).
V_S = Volume fraction of coating solids, gallon coating solids per gallon coating, determined according to according to paragraph 40 CFR 63.3941(b).
[40 CFR 63.3941, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

15. Records shall be maintained monthly for the following:

    a. Amount of coating applied
    b. VOC content (lbs/gal) of coatings as applied
    c. Amount of surface preparation, clean-up and wash-up solvent / thinner usage
    d. VOC content of solvent / thinner
    e. VOC emissions
    f. Hazardous air pollutants (HAP) content of coatings and solvents
    g. HAP emissions

    Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request.
    [Rule 62-296.500(2), FAC, Rule 62-213.440(1)(b), FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

16. ConGlobal Industries, Inc. must submit semiannual compliance reports for each affected source as described in 40 CFR 63.3920.
    [40 CFR 63.3920, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

17. ConGlobal Industries, Inc. shall keep a current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If you conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier. You are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.
    [40 CFR 63.3930(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

18. ConGlobal Industries, Inc. shall keep for each compliance period the records specified below:

    a. A record of the coating operations on which you used each compliance option and the time periods (beginning and ending dates and times) for each option you used.
    b. For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.3941.
    c. For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.3951; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4); the calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951; and the calculation of each 12-month organic HAP emission rate using Equation 3 of 40 CFR 63.3951.
    d. A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If you are using the compliant material option for all coatings at the source, you may maintain purchase records for each material used rather than a record of the volume used.

e. A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight.
f. A record of the volume fraction of coating solids for each coating used during each compliance period.
g. If you use the emission rate without add-on controls compliance option the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.
h. You must keep records of the date, time, and duration of each deviation.
[40 CFR 63.3930, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

19. ConGlobal Industries, Inc. must collect and keep records of the data and information specified in 40 CFR 63.3930. Failure to collect and keep these records is a deviation from the applicable standard.
[40 CFR 63.3930, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emissions Unit No. 005 – Silica Blasting Operation

Emissions Unit Description:	The silica blasting operation is an open air silica and similar abrasive materials blasting operation. This operation is used for the blasting of vehicles and miscellaneous equipment.
PM Control Device:	Containment screens

<u>Emissions Limitations and Standards</u>

1. This emissions unit is allowed to operate 2,600 hrs/yr.
[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

2. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter emissions from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions include the following:

a. Paving and maintenance of roads, parking areas and yards.
b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
e. Landscaping or planting of vegetation.
f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
g. Confining abrasive blasting where possible.
h. Enclosure or covering of conveyor systems.
[Rule 62-296.320(4)(c)2., FAC, and Rule 2.1101, JEPB]