



25 May 2016

West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street, SE
Charleston, WV 25304

Subject: NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV

Dear Sir/Madam:

Please find enclosed an NSR Permit Application for the Cummins Crosspoint, LLC (Cummins) facility located at 25 Gateway Drive in White Hall, West Virginia (Fairmont Facility).

This facility was recently acquired by Cummins. There are currently no air permits issued for this facility, but it was determined as part of a compliance audit that air permits would be required for certain sources at the facility. This is being disclosed to WVDEP and EPA under the federal and state audit policies.

This application package includes the applicable NSR Permit Application forms and attachments. A Table of Contents is provided to list all forms and attachments.

Please contact me at (317) 240-1965 or john.w.peaper@cummins.com should you have any questions.

Sincerely,

A handwritten signature in blue ink that reads 'John Peaper'.

John Peaper

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NSR Permit Application Form

 <p>WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF AIR QUALITY 601 57th Street, SE Charleston, WV 25304 (304) 926-0475 www.dep.wv.gov/daq</p>	<p>APPLICATION FOR NSR PERMIT AND TITLE V PERMIT REVISION (OPTIONAL)</p>
<p>PLEASE CHECK ALL THAT APPLY TO NSR (45CSR13) (IF KNOWN):</p> <p><input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> MODIFICATION <input type="checkbox"/> RELOCATION <input type="checkbox"/> CLASS I ADMINISTRATIVE UPDATE <input type="checkbox"/> TEMPORARY <input type="checkbox"/> CLASS II ADMINISTRATIVE UPDATE <input checked="" type="checkbox"/> AFTER-THE-FACT</p>	<p>PLEASE CHECK TYPE OF 45CSR30 (TITLE V) REVISION (IF ANY):</p> <p><input type="checkbox"/> ADMINISTRATIVE AMENDMENT <input type="checkbox"/> MINOR MODIFICATION <input type="checkbox"/> SIGNIFICANT MODIFICATION</p> <p>IF ANY BOX ABOVE IS CHECKED, INCLUDE TITLE V REVISION INFORMATION AS ATTACHMENT S TO THIS APPLICATION</p>
<p>FOR TITLE V FACILITIES ONLY: Please refer to "Title V Revision Guidance" in order to determine your Title V Revision options (Appendix A, "Title V Permit Revision Flowchart") and ability to operate with the changes requested in this Permit Application.</p>	
<p>Section I. General</p>	
<p>1. Name of applicant (as registered with the WV Secretary of State's Office): Cummins Crosspoint, LLC.</p>	<p>2. Federal Employer ID No. (FEIN): 205012258</p>
<p>3. Name of facility (if different from above):</p>	<p>4. The applicant is the: <input type="checkbox"/> OWNER <input type="checkbox"/> OPERATOR <input checked="" type="checkbox"/> BOTH</p>
<p>5A. Applicant's mailing address: 25 Gateway Drive White Hall, WV 26554</p>	<p>5B. Facility's present physical address: 25 Gateway Drive White Hall, WV 26554</p>
<p>6. West Virginia Business Registration. Is the applicant a resident of the State of West Virginia? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>– If YES, provide a copy of the Certificate of Incorporation/Organization/Limited Partnership (one page) including any name change amendments or other Business Registration Certificate as Attachment A.</p> <p>– If NO, provide a copy of the Certificate of Authority/Authority of L.L.C./Registration (one page) including any name change amendments or other Business Certificate as Attachment A.</p>	
<p>7. If applicant is a subsidiary corporation, please provide the name of parent corporation:</p>	
<p>8. Does the applicant own, lease, have an option to buy or otherwise have control of the <i>proposed site</i>? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>– If YES, please explain: The applicant owns the site.</p> <p>– If NO, you are not eligible for a permit for this source.</p>	
<p>9. Type of plant or facility (stationary source) to be constructed, modified, relocated, administratively updated or temporarily permitted (e.g., coal preparation plant, primary crusher, etc.): Engine Rebuild Facility</p>	<p>10. North American Industry Classification System (NAICS) code for the facility: 441310</p>
<p>11A. DAQ Plant ID No. (for existing facilities only): –</p>	<p>11B. List all current 45CSR13 and 45CSR30 (Title V) permit numbers associated with this process (for existing facilities only): N/A</p>

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

12A.

- For **Modifications, Administrative Updates** or **Temporary permits** at an existing facility, please provide directions to the *present location* of the facility from the nearest state road;
- For **Construction** or **Relocation permits**, please provide directions to the *proposed new site location* from the nearest state road. Include a **MAP** as **Attachment B**.

From I-79 take exit 132. Continue on US-250 S/White Hall Blvd for 0.5 miles then turn right onto Middletown Rd. After 0.2 miles on Middletown Rd turn right onto Gateway Dr , facility will be on the left.

12.B. New site address (if applicable):

N/A

12C. Nearest city or town:

White Hall

12D. County:

Marion

12.E. UTM Northing (KM): 4,364.614

12F. UTM Easting (KM): 569.472

12G. UTM Zone: 17

13. Briefly describe the proposed change(s) at the facility:

N/A

14A. Provide the date of anticipated installation or change: / /

- If this is an **After-The-Fact** permit application, provide the date upon which the proposed change did happen: 01/01/2012

14B. Date of anticipated Start-Up if a permit is granted:

/ /

14C. Provide a **Schedule** of the planned **Installation of/Change** to and **Start-Up** of each of the units proposed in this permit application as **Attachment C** (if more than one unit is involved).

15. Provide maximum projected **Operating Schedule** of activity/activities outlined in this application:

Hours Per Day 24 Days Per Week 7 Weeks Per Year 52

16. Is demolition or physical renovation at an existing facility involved? YES NO

17. **Risk Management Plans.** If this facility is subject to 112(r) of the 1990 CAAA, or will become subject due to proposed changes (for applicability help see www.epa.gov/ceppo), submit your **Risk Management Plan (RMP)** to U. S. EPA Region III.

18. **Regulatory Discussion.** List all Federal and State air pollution control regulations that you believe are applicable to the proposed process (*if known*). A list of possible applicable requirements is also included in Attachment S of this application (Title V Permit Revision Information). Discuss applicability and proposed demonstration(s) of compliance (*if known*). Provide this information as **Attachment D**.

Section II. Additional attachments and supporting documents.

19. Include a check payable to WVDEP – Division of Air Quality with the appropriate **application fee** (per 45CSR22 and 45CSR13).

20. Include a **Table of Contents** as the first page of your application package.

21. Provide a **Plot Plan**, e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is or is to be located as **Attachment E** (Refer to **Plot Plan Guidance**).

- Indicate the location of the nearest occupied structure (e.g. church, school, business, residence).

22. Provide a **Detailed Process Flow Diagram(s)** showing each proposed or modified emissions unit, emission point and control device as **Attachment F**.

23. Provide a **Process Description** as **Attachment G**.

- Also describe and quantify to the extent possible all changes made to the facility since the last permit review (if applicable).

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

24. Provide **Material Safety Data Sheets (MSDS)** for all materials processed, used or produced as **Attachment H**.

– For chemical processes, provide a MSDS for each compound emitted to the air.

25. Fill out the **Emission Units Table** and provide it as **Attachment I**.

26. Fill out the **Emission Points Data Summary Sheet (Table 1 and Table 2)** and provide it as **Attachment J**.

27. Fill out the **Fugitive Emissions Data Summary Sheet** and provide it as **Attachment K**.

28. Check all applicable **Emissions Unit Data Sheets** listed below:

- | | | |
|--|--|--|
| <input type="checkbox"/> Bulk Liquid Transfer Operations | <input type="checkbox"/> Haul Road Emissions | <input type="checkbox"/> Quarry |
| <input type="checkbox"/> Chemical Processes | <input type="checkbox"/> Hot Mix Asphalt Plant | <input type="checkbox"/> Solid Materials Sizing, Handling and Storage Facilities |
| <input type="checkbox"/> Concrete Batch Plant | <input type="checkbox"/> Incinerator | <input type="checkbox"/> Storage Tanks |
| <input type="checkbox"/> Grey Iron and Steel Foundry | <input type="checkbox"/> Indirect Heat Exchanger | |

General Emission Unit, specify four (4) total

Fill out and provide the **Emissions Unit Data Sheet(s)** as **Attachment L**.

29. Check all applicable **Air Pollution Control Device Sheets** listed below:

- | | | |
|---|---|--|
| <input type="checkbox"/> Absorption Systems | <input type="checkbox"/> Baghouse | <input type="checkbox"/> Flare |
| <input type="checkbox"/> Adsorption Systems | <input type="checkbox"/> Condenser | <input type="checkbox"/> Mechanical Collector |
| <input type="checkbox"/> Afterburner | <input type="checkbox"/> Electrostatic Precipitator | <input type="checkbox"/> Wet Collecting System |

Other Collectors, specify one (1) total

Fill out and provide the **Air Pollution Control Device Sheet(s)** as **Attachment M**.

30. Provide all **Supporting Emissions Calculations** as **Attachment N**, or attach the calculations directly to the forms listed in Items 28 through 31.

31. **Monitoring, Recordkeeping, Reporting and Testing Plans.** Attach proposed monitoring, recordkeeping, reporting and testing plans in order to demonstrate compliance with the proposed emissions limits and operating parameters in this permit application. Provide this information as **Attachment O**.

➤ Please be aware that all permits must be practically enforceable whether or not the applicant chooses to propose such measures. Additionally, the DAQ may not be able to accept all measures proposed by the applicant. If none of these plans are proposed by the applicant, DAQ will develop such plans and include them in the permit.

32. **Public Notice.** At the time that the application is submitted, place a **Class I Legal Advertisement** in a newspaper of general circulation in the area where the source is or will be located (See 45CSR§13-8.3 through 45CSR§13-8.5 and **Example Legal Advertisement** for details). Please submit the **Affidavit of Publication** as **Attachment P** immediately upon receipt.

33. **Business Confidentiality Claims.** Does this application include confidential information (per 45CSR31)?

YES NO

➤ If **YES**, identify each segment of information on each page that is submitted as confidential and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "**Precautionary Notice – Claims of Confidentiality**" guidance found in the **General Instructions** as **Attachment Q**.

Section III. Certification of Information

34. **Authority/Delegation of Authority.** Only required when someone other than the responsible official signs the application. Check applicable **Authority Form** below:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Authority of Corporation or Other Business Entity | <input type="checkbox"/> Authority of Partnership |
| <input type="checkbox"/> Authority of Governmental Agency | <input type="checkbox"/> Authority of Limited Partnership |

Submit completed and signed **Authority Form** as **Attachment R**.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

35A. **Certification of Information.** To certify this permit application, a Responsible Official (per 45CSR§13-2.22 and 45CSR§30-2.28) or Authorized Representative shall check the appropriate box and sign below.

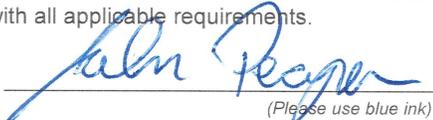
Certification of Truth, Accuracy, and Completeness

I, the undersigned **Responsible Official** / **Authorized Representative**, hereby certify that all information contained in this application and any supporting documents appended hereto, is true, accurate, and complete based on information and belief after reasonable inquiry I further agree to assume responsibility for the construction, modification and/or relocation and operation of the stationary source described herein in accordance with this application and any amendments thereto, as well as the Department of Environmental Protection, Division of Air Quality permit issued in accordance with this application, along with all applicable rules and regulations of the West Virginia Division of Air Quality and W.Va. Code § 22-5-1 et seq. (State Air Pollution Control Act). If the business or agency changes its Responsible Official or Authorized Representative, the Director of the Division of Air Quality will be notified in writing within 30 days of the official change.

Compliance Certification

Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.

SIGNATURE _____


(Please use blue ink)

DATE: _____

5/25/2016
(Please use blue ink)

35B. Printed name of signee: John Peaper

35C. Title: HSE Manager

35D. E-mail:
john.w.peaper@cummins.com

35E. Phone: (317) 240-1965

35F. FAX: N/A

36A. Printed name of contact person (if different from above): Same as above

36B. Title:

36C. E-mail:

36D. Phone:

36E. FAX:

PLEASE CHECK ALL APPLICABLE ATTACHMENTS INCLUDED WITH THIS PERMIT APPLICATION:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Attachment A: Business Certificate | <input type="checkbox"/> Attachment K: Fugitive Emissions Data Summary Sheet |
| <input checked="" type="checkbox"/> Attachment B: Map(s) | <input checked="" type="checkbox"/> Attachment L: Emissions Unit Data Sheet(s) |
| <input type="checkbox"/> Attachment C: Installation and Start Up Schedule | <input checked="" type="checkbox"/> Attachment M: Air Pollution Control Device Sheet(s) |
| <input checked="" type="checkbox"/> Attachment D: Regulatory Discussion | <input checked="" type="checkbox"/> Attachment N: Supporting Emissions Calculations |
| <input checked="" type="checkbox"/> Attachment E: Plot Plan | <input type="checkbox"/> Attachment O: Monitoring/Recordkeeping/Reporting/Testing Plans |
| <input checked="" type="checkbox"/> Attachment F: Detailed Process Flow Diagram(s) | <input type="checkbox"/> Attachment P: Public Notice |
| <input checked="" type="checkbox"/> Attachment G: Process Description | <input type="checkbox"/> Attachment Q: Business Confidential Claims |
| <input checked="" type="checkbox"/> Attachment H: Material Safety Data Sheets (MSDS) | <input checked="" type="checkbox"/> Attachment R: Authority Forms |
| <input checked="" type="checkbox"/> Attachment I: Emission Units Table | <input type="checkbox"/> Attachment S: Title V Permit Revision Information |
| <input checked="" type="checkbox"/> Attachment J: Emission Points Data Summary Sheet | <input checked="" type="checkbox"/> Application Fee |

Please mail an original and three (3) copies of the complete permit application with the signature(s) to the DAQ, Permitting Section, at the address listed on the first page of this application. Please DO NOT fax permit applications.

FOR AGENCY USE ONLY – IF THIS IS A TITLE V SOURCE:

- Forward 1 copy of the application to the Title V Permitting Group and:
- For Title V Administrative Amendments:
- NSR permit writer should notify Title V permit writer of draft permit,
- For Title V Minor Modifications:
- Title V permit writer should send appropriate notification to EPA and affected states within 5 days of receipt,
- NSR permit writer should notify Title V permit writer of draft permit.
- For Title V Significant Modifications processed in parallel with NSR Permit revision:
- NSR permit writer should notify a Title V permit writer of draft permit,
- Public notice should reference both 45CSR13 and Title V permits,
- EPA has 45 day review period of a draft permit.

All of the required forms and additional information can be found under the Permitting Section of DAQ's website, or requested by phone.

ATTACHMENT A

Certificate of Authority of L.L.C.

**WEST VIRGINIA
STATE TAX DEPARTMENT
BUSINESS REGISTRATION
CERTIFICATE**

ISSUED TO:
**CUMMINS CROSSPOINT LLC
25 GATEWAY DR
WHITE HALL, WV 26554-8916**

BUSINESS REGISTRATION ACCOUNT NUMBER: 1011-4474

This certificate is issued on: **01/31/2012**

*This certificate is issued by
the West Virginia State Tax Commissioner
in accordance with Chapter 11, Article 12, of the West Virginia Code*

*The person or organization identified on this certificate is registered
to conduct business in the State of West Virginia at the location above.*

This certificate is not transferrable and must be displayed at the location for which issued.

This certificate shall be permanent until cessation of the business for which the certificate of registration was granted or until it is suspended, revoked or cancelled by the Tax Commissioner.

Change in name or change of location shall be considered a cessation of the business and a new certificate shall be required.

TRAVELING/STREET VENDORS: Must carry a copy of this certificate in every vehicle operated by them.
CONTRACTORS, DRILLING OPERATORS, TIMBER/LOGGING OPERATIONS: Must have a copy of this certificate displayed at every job site within West Virginia.

Indiana Secretary of State
Packet: 2006060800606
Filing Date: 08/04/2015
Effective Date: 08/03/2015

State of Indiana
Office of the Secretary of State

CERTIFICATE OF AMENDMENT
of
CUMMINS CROSSPOINT, LLC

I, CONNIE LAWSON, Secretary of State of Indiana, hereby certify that Articles of Amendment of the above Domestic Limited Liability Company (LLC) have been presented to me at my office, accompanied by the fees prescribed by law and that the documentation presented conforms to law as prescribed by the provisions of the Indiana Business Flexibility Act.

The name following said transaction will be:

CUMMINS CROSSPOINT LLC

NOW, THEREFORE, with this document I certify that said transaction will become effective Monday, August 03, 2015.



In Witness Whereof, I have caused to be affixed my signature and the seal of the State of Indiana, at the City of Indianapolis, August 4, 2015.

Connie Lawson

CONNIE LAWSON,
SECRETARY OF STATE

WEST VIRGINIA CONSUMERS SALES AND SERVICE TAX AND USE TAX

EXEMPTION CERTIFICATE

CANNOT BE USED TO PURCHASE GASOLINE OR SPECIAL FUEL



WV/CST-280
(Rev. 905)

All sales of tangible personal property or taxable services are presumed to be subject to tax unless a properly completed Exemption Certificate or a Direct Pay Permit number is provided. Read instructions on reverse side before completing this certificate.

NAME OF VENDOR	DATE	CHECK APPLICABLE BOX:	
		<input type="checkbox"/> SINGLE PURCHASE CERTIFICATE	<input type="checkbox"/> BLANKET CERTIFICATE
STREET ADDRESS	CITY	STATE	ZIP CODE

TO BE COMPLETED BY PURCHASER: I, the undersigned, hereby certify that I am making an exempt purchase and hold a valid Business Registration Certificate:

Enter Tax Identification Number

2	0	0	2	-	8	2	1	3		
---	---	---	---	---	---	---	---	---	--	--

My principle business activity is sale and service of diesel engines

I claim an exemption for the following reason (Check applicable box or boxes):

PURCHASE FOR RESALE

Purchase of tangible personal property or taxable services for resale or for use in performing taxable services where such property becomes a component part of the property upon which the services are performed and will be actually transferred to the purchaser. WV Code § 11-15-9(a)(9)

PURCHASE BY AN EXEMPT COMMERCIAL AGRICULTURAL PRODUCER

- A. Purchase of tangible personal property or taxable services for use or consumption in the commercial production of an agricultural product. But **not** purchases for the construction of, or permanent improvement to real property or purchases of gasoline or fuel. WV Code § 11-15-9(a)(8)
- B. Purchase of propane for use in poultry houses for heating purposes. WV Code § 11-15-9(a)(18)

TAX EXEMPT ORGANIZATIONS

- A. **GOVERNMENT** - Purchases by governmental agencies and institutions of (1) the United States; (2) this State (including its local governments); and (3) any other State (and its local governments) which provides this same exemption to this State. Such purchases by government employees are not exempt unless they are on government business and are billed to and paid for directly by the government. Private persons doing business with government may not claim this exemption. WV Code § 11-15-9(a)(3)
- B. **CERTAIN NONPROFIT ORGANIZATIONS** - Purchases by a corporation or organization which has a current registration certificate and which is exempt from federal income taxes under section § 501(c)(3) or (c)(4) of the Internal Revenue Code. These organizations must meet all of the requirements set forth in WV Code § 11-15-9(a)(6). For information concerning these requirements refer to publication TSD-320. WV Code § 11-15-9(a)(6)
- C. **SCHOOLS** - Purchases by a school with its principal campus in this State which is approved by the State of West Virginia to award degrees and which is exempt from federal and state income taxes under section § 501(c)(3) of the Internal Revenue Code. WV Code § 11-15-9(a)(15)
- D. **CHURCHES** - Purchases of services, equipment, supplies, food for meals and materials directly used or consumed by churches which make no charge whatsoever for the services they render. The purchase must be paid for directly out of the church treasury. WV Code § 11-15-9(a)(5)

PURCHASES OF CERTAIN SPECIFIC SERVICES AND TANGIBLE PERSONAL PROPERTY

- A. Purchases of electronic data processing services and related software but **not** data processing equipment, materials and supplies. WV Code § 11-15-9(a)(21)
- B. Purchases of services by one corporation, partnership or limited liability company from another corporation, partnership or limited liability company **but only** when the entities are members of the same controlled group or related taxpayers as defined in Section 267 of the Internal Revenue Code. WV Code § 11-15-9(a)(23)
- C. Purchases of computer hardware and software directly incorporated into manufactured products; certain leases; electronic data processing service; computer hardware and software directly used in communication; educational software; internet advertising; high technology business services directly used in fulfillment of a government contract. WV Code § 11-15-9h
- D. Purchases of motion picture films, coin-operated video arcade machines and other video arcade games for any use upon which there will be a charge subject to sales tax. WV Code § 11-15-9(a)(32)
- E. Purchases by a licensed carrier of persons or property, or by a government entity, of aircraft repair, remodeling and maintenance services for an aircraft, engine or other component part of an aircraft, or purchases of tangible personal property that is permanently affixed as a component part of an aircraft as part of the repair, remodeling or maintenance of aircraft, aircraft engines or aircraft component parts, and purchases by a licensed carrier of persons or property, or by a government entity, of machinery, tools or equipment, directly used or consumed exclusively in the repair, remodeling or maintenance of aircraft, aircraft engines or aircraft component parts. WV Code § 11-15-9(a)(33)

REVERSE SIDE OF EXEMPTION CERTIFICATE MUST BE COMPLETED TO BE CONSIDERED VALID

I understand that this certificate may not be used to make tax free purchases of items or services which are not for an exempt purpose and that I will pay the Consumers Sales or Use Tax on tangible personal property or services purchased pursuant to this certificate and subsequently used or consumed in a taxable manner. In addition, I understand that I will be liable for the tax due, plus substantial penalties and interest, for any erroneous or false use of this certificate.

NAME OF PURCHASER Cummins Crosspoint LLC	STREET ADDRESS 2601 Fortune Circle East, Ste 300c	
SIGNATURE OF OWNER, PARTNER, OFFICER OF CORPORATION, ETC. C.H.T. R. P.H.	CITY Indianapolis	
TITLE Controller	STATE Indiana	ZIP CODE 46241

GENERAL INSTRUCTIONS

An Exemption Certificate may be used only to claim exemption from tax upon a purchase of tangible personal property or services which will be used for an exempt purpose as stated on the front of this form.

A purchaser may file a blanket Exemption Certificate with the vendor to cover additional purchases of the same general type of property or service. However, each subsequent sales slip or purchase invoice evidencing a transaction covered by a blanket Exemption Certificate must show the purchaser's name, address and Business Registration Certificate Number for purposes of certification.

INSTRUCTIONS FOR PURCHASER

To purchase tangible personal property or services tax exempt, you must possess a valid Business Registration Certificate and you must properly complete this Exemption Certificate and present it to your supplier. To be properly completed, all entries on this Exemption Certificate must be filled in.

Your Business Registration Certificate (and any duplicates) may be suspended or revoked if you or someone acting on your behalf willfully issues this certificate for the purpose of making a tax exempt purchase of tangible personal property and/or services that is not used in a tax exempt manner (as stated on the front of this form).

When property or services are purchased tax exempt with an Exemption Certificate, but later used or consumed in a non exempt manner, the purchaser must pay Sales or Use Tax on the purchase price.

The willful issuance of a false or fraudulent Exemption Certificate with the intent to evade Sales or Use Tax is a misdemeanor.

Your misuse of this Certificate with intent to evade the Sales or Use Tax shall also result in your being subject to:

A penalty of fifty percent of the tax that would have been due had there not been a misuse of such certificate.

This is in addition to any other penalty imposed by the Law.

In the event you make false or fraudulent use of this Certificate with intent to evade the tax, you may be assessed for the tax at any time subsequent to such use.

INSTRUCTIONS FOR VENDOR

At the time the property is sold or the service is rendered, you must obtain from your customer this Certificate, properly completed, (or a Direct Pay Permit number issued by the West Virginia Department of Tax and Revenue), or the sale will be deemed a taxable sale, unless the property or service sold is exempt per se from Sales Tax. Your failure to collect tax on such taxable sale will make you personally liable for the tax, plus penalties and interest.

Additional information may be required to substantiate that the sale was for exempt purposes. In order for this Certificate to be properly completed, it must be issued by a purchaser who has a valid Business Registration Certificate and must have all entries completed by the purchaser.

A timely received certificate which contains a material deficiency will be considered satisfactory if such deficiency is subsequently corrected.

You must keep this certificate for at least three years after the due date of the last return to which it relates, or the date when such return was filed, if later.

You must maintain a reasonable method of associating a particular exempt sale to a customer with the Exemption Certificate you have on file for such customer.

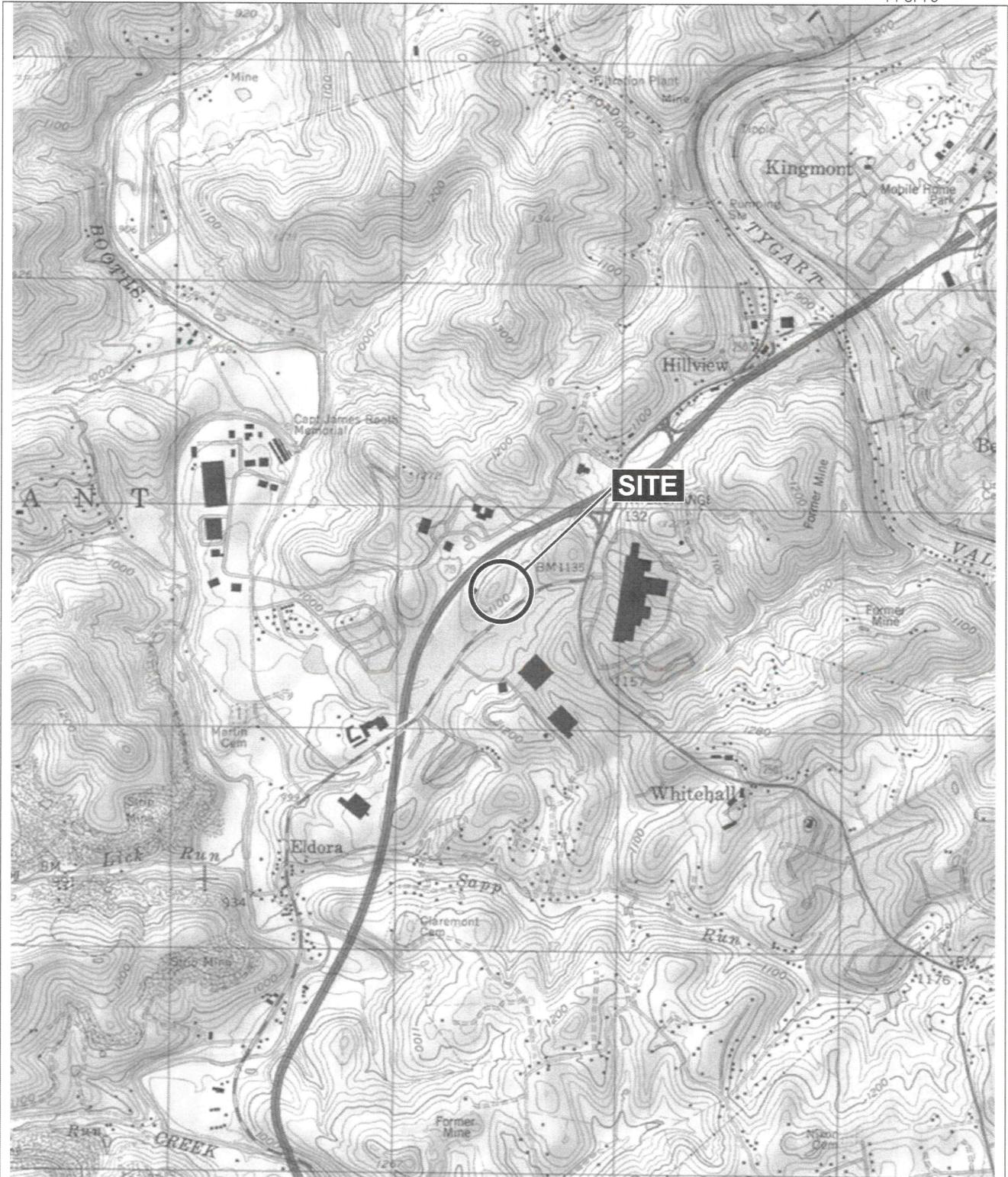
INSTRUCTIONS FOR VENDOR AND PURCHASER

If you, as vendor or as a purchaser, engage in any business activity in West Virginia without possessing a valid Business Registration Certificate (and you do not clearly qualify for an exemption), you shall be subject to a penalty in an amount not exceeding \$100 for the first day on which such sales or purchases are made, plus an amount not exceeding \$100 for each subsequent day on which such sales or purchases are made.

Please begin using this Certificate immediately.

ATTACHMENT B

Map



MAP SOURCE: ESRI

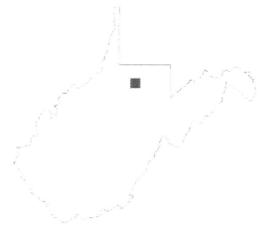
SITE COORDINATES: 39°25'42"N, 80°11'34"W

HALEY ALDRICH
 CUMMINS CROSSPOINT, LLC
 25 GATEWAY DRIVE
 WHITE HALL, WEST VIRGINIA

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
APRIL 2016

FIGURE 1



33284-903_1_LOCUS.PDF

ATTACHMENT D
Regulatory Discussion

Regulatory Discussion

FEDERAL REGULATIONS

This facility operates an emergency generator (source 1S) as needed. It is a 100 kW (134 hp) diesel engine installed in March of 2012. As such, the unit is subject to 40 CFR 63 Subpart ZZZZ (RICE). The unit is subject to all applicable requirements for new compression ignition emergency generators at an area source of HAPs.

The potential emissions from the facility are significantly lower than federal major source permitting thresholds. For projects of this size, federal regulations do not generally require air dispersion modeling to demonstrate compliance with NAAQS because emissions are considered small enough that there is essentially no demonstrable effect on national ambient air quality.

There are no other federal standards that are applicable for this project. No National Emission Standard for Hazardous Air Pollutant (NESHAP) standard has been promulgated at 40 CFR 61 that would be applicable to the proposed project.

STATE REGULATIONS

West Virginia Rule 45CSR13 provides the requirements for permits for construction, modification, and operation of stationary sources of air pollutants, notification requirements, administrative updates, temporary permits, general permits, permission to commence construction, and procedures for evaluation. This facility is defined as a Stationary Source per part 45-13-2.24 of this rule as the uncontrolled potential emissions exceed six (6) pounds per hour, and therefore is subject to this rule. The uncontrolled emissions from the Filter Cleaner (Source 2S) are based on a conservative assumption of 98% control efficiency of the dust collectors. Those emissions combined with the potential emissions elsewhere at the site were found to be greater than six (6) pounds per hour.

This facility is not subject to West Virginia Rule 45CSR30 "Requirements for Operating Permits" as the facility is not classified as a Major Source defined in 45-30-2.26 per the potential to emit falls below all applicable thresholds.

West Virginia Rule 45CSR29 provides requirements for submission of emission statements for VOC and NOx. Per 45-29-3.1, the facility is exempt from this rule as the potential to emit for VOC and NOx are below 25 tons per year (tpy).

ATTACHMENT E

Plot Plans



LEGEND

 EXHAUST STACK

NOTES

1. IMAGE © 2016 GOOGLE



0 60 120
 SCALE IN FEET

HALBRICH
 CUMMINS CROSSPOINT, LLC.
 FAIRMONT, WV

ATTACHMENT E
 PLOT PLAN

SCALE AS SHOWN
 APRIL 2016

FIGURE 1



CLOSEST OCCUPIED
STRUCTURE (BUSINESS)

REFERENCE POINT
UTM: 17S 569472m E, 4364614m N
ELEV: 1111ft

NOTES

1. IMAGE © 2015 GOOGLE

HALDRICH
CUMMINS CROSSPOINT, LLC
FAIRMONT, WV

ATTACHMENT E
PLOT PLAN

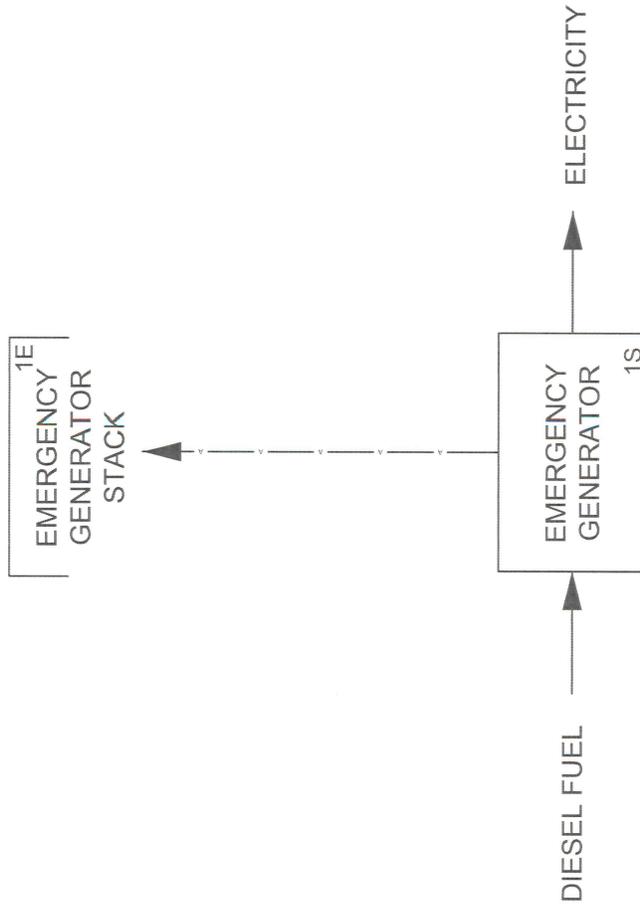
SCALE: AS SHOWN
APRIL 2016



FIGURE 2

ATTACHMENT F

Process Flow Diagrams



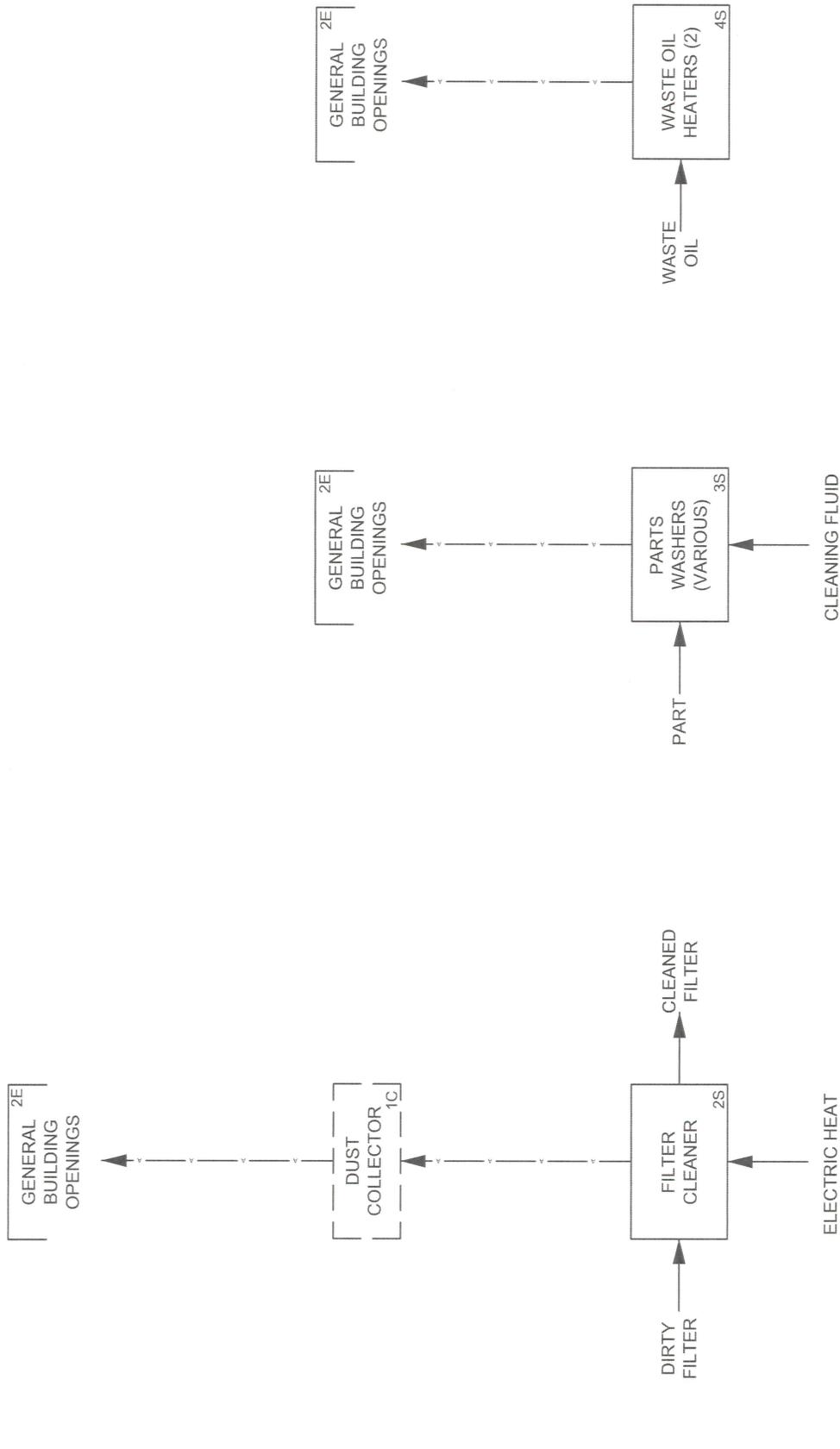
HALEY ALDRICH
CUMMINS CROSSPOINT, LLC.
FAIRMONT, WV

ATTACHMENT F
PROCESS FLOW DIAGRAM
EMERGENCY GENERATOR (1S)

SCALE: NONE
APRIL 2016

FIGURE 1 OF 2

- LEGEND**
- PROCESS MATERIAL FLOW
 - .-.-> EMISSIONS FLOW
 - EU (EUI) EMISSIONS UNIT
 - EU (EUI) EMISSIONS UNIT ID
 - CE CONTROL EQUIPMENT
 - EP EMISSIONS POINT



HALEY ALDRICH
 CUMMINS CROSSPOINT, LLC.
 FAIRMONT, WV

**ATTACHMENT F
 PROCESS FLOW DIAGRAM
 GEN. BLDG. OPENINGS (2E)**

SCALE: NONE
 APRIL 2016

FIGURE 2 OF 2

NOTES
 1. THIS FIGURE REPRESENTS THREE (3) SEPARATE EMISSION SOURCES ALL UNCAPTURED AND EXHAUSTING VIA GENERAL BUILDING VENTS, DOORS AND WINDOWS, (FUGITIVE EMISSIONS) (2E).

- LEGEND**
- PROCESS MATERIAL FLOW
 - EMISSIONS FLOW
 - EU EMISSIONS UNIT
 - EU ID EMISSIONS UNIT ID
 - CE CONTROL EQUIPMENT
 - EP EMISSIONS POINT

ATTACHMENT G

Process Description

Process Description

The Cummins Crosspoint, LLC. facility located at 25 Gateway Drive in White Hall, West Virginia is an engine repair and rebuild shop. The facility performs various maintenance and repair on engines as well as Diesel Particulate Filter (DPF) cleaning. The facility also has multiple parts washers and waste oil heaters.

There is a diesel-fueled emergency generator [1S] located onsite rated at 100 kW (134 hp). This emission unit only operates during emergencies and for limited testing and maintenance. The only emissions associated with this unit are from diesel combustion that vent out a small stack outdoors [1E].

The DPF cleaning (Filter Cleaner) [2S] is utilized to clean diesel particulate filters using forced air and electric heat as needed in an enclosed booth. All emissions are captured and controlled via dust collectors [1C] that vent indoors [2E]. The only emissions associated with this unit result from particulates removed from the filters that are not removed by the dust collectors.

There are two (2) parts washers (degreasers) [3S] located onsite. This emission unit consists of one (1) Crystal Clean Parts Washer and one (1) Rotary Parts Washer. Emissions are based solely on the evaporation of the cleaning material stored in the parts washer. Actual emissions will vary depending on the material used in the parts washer; however the potential emissions included with this application assume each parts washer is using the worst-case scenario material. All emissions from this unit emit indoors [2E].

Finally, there are two (2) waste oil heaters [4S]. These units are small space heaters used only for creature comfort. The only emissions result from the combustion of waste oil which vents indoors [2E].

This is the initial permit application for this facility.

ATTACHMENT H

SDSs

Solvent
1 square ~ 3' x 2'



Material Safety Data Sheet

Crystal Clean Premium 142⁺ Mineral Spirits

Revision Date: 10-27-2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Crystal Clean 142⁺ Mineral Spirits

Supplier: Heritage-Crystal Clean
2175 Point Boulevard - Suite 375
Elgin, IL 60123-9211

Technical Contact: Heritage-Crystal Clean - EHS Department
Telephone: 877-938-7948 or 847-836-5670
Fax: 847-836-5677
Email: ehs@crystal-clean.com
Website: www.crystal-clean.com

Synonyms: Mineral Spirits, Petroleum Naphtha, Parts Cleaner Solvent, Stoddard Solvent, Petroleum Distillates

EMERGENCY TELEPHONE NUMBERS

Medical:	Local Poison Control Center or Hospital
Technical Questions:	Heritage-Crystal Clean EHS Department 877-938-7948

2. COMPOSITION / INFORMATION OF INGREDIENTS

This solvent may be produced from several sources utilizing different refining processes that generate different CAS registry numbers based on the refining process used. Petroleum solvent naphtha, medium aliphatic is a complex stream of predominantly C9 to C12 hydrocarbons.

3. HAZARDS IDENTIFICATION

Major Routes: Skin contact. Inhalation

Other Physical and Chemical Hazards: Combustible

Potential Effects:

Inhalation: High Concentrations of vapor may be harmful if inhaled and may irritate the respiratory tract (nose, throat, and lungs). High concentrations may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects

Eye Contact: This material may cause transient eye irritation. Symptoms may include stinging, tearing, redness, and swelling of the eyes.

Skin: This material can cause mild, transient skin irritation with short-term exposure. Repeated or prolonged skin contact can produce irritation (dermatitis)

Ingestion: May be harmful if swallowed. Aspiration can result in lung damage or possible death. It can be readily absorbed by the stomach and intestinal tract. Symptoms include a burning sensation of the mouth and esophagus, nausea, vomiting, dizziness, staggering gait, drowsiness, loss of consciousness, and delirium, as well as additional central nervous system (CNS) effects.

Symptoms of Exposure: Signs of central nervous system depression begin with headaches, dizziness, and apparent intoxication, through loss of consciousness.

Aggravated Conditions: Skin contact can aggravate existing dermatitis. Preexisting eye and respiratory disorders may also be aggravated by exposure to this product.

NFPA Hazard Rating

- Health: 1 = Slight
- Fire 2 = Moderate
- Reactivity 0 = Negligible

NPCA/HMIS Rating:

- Health 1 = Slight
- Fire 2 = Moderate
- Reactivity 0 = Negligible
- Protective Equipment C,X
- C = Safety glasses or goggles, gloves, synthetic apron
- X = Consult supervisor for handling info.

FIRST

4. FIRST

Inhalation: Remove to fresh air. If victim has difficulty in breathing, tightness of the chest, is dizzy, is vomiting, or is unresponsive, administer oxygen, artificial respiration, or CPR if required until medical assistance can be rendered.

Eyes: Check for and remove contacts. If symptoms develop, flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention. Seek medical attention.

Skin: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion: Do NOT induce vomiting. If victim is coughing, choking, has shortness of breath, or difficulty in breathing, transport to nearest medical facility for additional

treatment. If any of the following delayed signs and symptoms appears within the next 6 hours, transport to the nearest medical facility: fever greater than 101°F, shortness of breathe, chest congestion, or continued coughing or wheezing. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Note to Physician: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress. If coughing or difficult breathing develops, evaluate for upper respiratory tract inflammation, bronchitis, and pneumonitis. Vigorous anti-inflammatory/steroid treatment may be required with upper airway or pulmonary edema. Administer 100% humidified oxygen with assisted ventilation, as required.

5. FIRE FIGHTING MEASURES

Flash Point:	>142°F ; > 61°C TCC
Auto-ignition Point:	>440°F ; >226°C
Explosive Limits:	1% (lower) - 6% (upper)
NFPA 30 Classification:	Combustible Liquid Class IIIA

Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, or other ignition sources. Never use welding or cutting torch on or near drum (even empty) because product, or even residue, can ignite explosively.

Extinguishing Media: Use carbon dioxide, dry chemical, regular foam, or water fog. Do not use a direct stream of water. Material will float and can be reignited on the surface of the water.

Fire Fighting Instructions: Use self-contained breathing apparatus (SCBA). Containers exposed to fire should be kept cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Small Spill: appropriate inert absorbents, such as vermiculite, floor absorbent or absorbent booms or pads, can absorb small spills. Avoid breathing vapors and ventilate the area.

Large Spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source if safe to do so. Prevent material from entering confined areas, drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil, and other material to proper non-leaking containers for disposal.

Precautions to be taken in Handling and Storing:

Keep containers closed when not in use. When opening covers and outlet caps on storage tanks, use face shield and gloves to avoid possible injury from pressurized hydrocarbon vapors. Do not overheat. Surfaces that are sufficiently hot may ignite liquid material.

All five-gallon pails and larger containers, including tank cars and truck cargo tanks should be grounded and/or bonded when material is transferred to prevent ignition

of vapors by static electricity. Hydrocarbon solvents are basically non-conductors of electricity but can become electrostatically charged during mixing, filtering, or pumping at high flow rates. If the charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids.

Store in a cool, dry, well-ventilated safety storage cabinet or room with appropriate labels. Do not store in closed vehicles. Keep away from ignition sources and ground all equipment containing this material. Containers must be able to withstand expansion and/or pressures expected from warming and cooling in storage.

7. HANDLING AND STORAGE

Storage and use areas should be No Smoking areas. Empty containers can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flames, sparks, or other sources of ignition. They may explode and cause injury or death. Observe all warnings and precautions listed for this product.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection: Safety glasses or chemical splash goggles are advised to safeguard against potential eye contact, irritation, or injury. Ensure that an emergency eyewash station and safety shower is located nearby.

Skin Protection: Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protections: If engineering controls do not maintain airborne concentrations at a level that is adequate to protect worker health, a NIOSH/MISHA approved air supplied respirator must be worn in accordance with the OSHA respiratory standard. Appropriate respirators may include air-purifying cartridge respirators for organic vapors, supplied air respirators, or self-contained breathing apparatus (in environments with unknown concentrations or emergency situations).

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the permissible exposure limits and threshold limits values.

Other/General Protection: Wear body-covering clothing to avoid prolonged or repeated exposure. Launder before reuse. Varying application methods can dictate the use of additional protective safety equipment such as impermeable aprons, etc.

Occupational Exposure Guidelines:

Substance: Petroleum Hydrocarbon Distillates

OSHA PEL 2900 mg/m³ or 500 ppm (8-hour)

ACGIH TLV 100 ppm (8-hour TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear or slight light blue color
Odor:	Hydrocarbon solvent odor
Boiling Point:	>186 °C, >367 °F

Vapor Pressure:	<1.0 mm Hg @ 20 °C, 68 °F
Reid Vapor Pressure:	< 0.1 psia (VP @ 38 °C , 100 °F)
Vapor Density (Air=1):	> 1.0
Specific Gravity:	0.78 - 0.98
Percent Volatiles:	100%
Percent VOC:	100%
Lbs/Gal VOC:	6.5 - 8.2
Solubility:	Negligible
pH	N/A

Physical properties given are typical for this product.

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatible Materials:	Strong oxidizers.
Hazardous Polymerization:	Will not occur.

Hazardous Decomposition Products: Thermal decomposition may result in an airborne mixture of solids (smoke and soot), liquids (mist), and gases including a complex mixture of fumes, carbon monoxide, carbon dioxide, and other organic hydrocarbons.

Conditions to Avoid: Avoid heat, open flames, strong acids and strong oxidizers.

11. TOXICOLOGICAL INFORMATION

<u>Acute Studies:</u>	Petroleum Distillate:
	Oral (LD ₅₀): > 5,000 mg/kg (rat)
	Inhalation (LC ₅₀): > 5,500 (rat, 4 hours)
	Dermal (LD ₅₀): > 3,000 mg/kg mg/kg (rabbit)

Miscellaneous Toxicological Information:

Studies on laboratory animals have associated similar materials with eye and respiratory tract irritation. Studies on laboratory animals have shown similar materials to cause skin irritation after repeated or prolonged contact. Repeated direct application of Stoddard Solvent to the skin can produce defatting dermatitis and kidney damage in laboratory animals. Rats developed kidney damage and elevated blood urea nitrogen levels when exposed to a concentration of 1.9 mg/L for 65 days. The kidney damage occurred only in male rats and appeared to involve both the tubules and glomeruli. The significance of these animal study results to human health is unclear.

12. ECOLOGICAL INFORMATION

Acute Toxicity

Fish:	Low toxicity: LC/EC/IC50 > 1000mg/l
Aquatic Invertebrates:	Low toxicity: LC/EC/IC50 > 1000mg/l
Algae:	Low toxicity: LC/EC/IC50 > 1000mg/l

Mobility:	Floats on Water; Adsorbs to soil and has low mobility
-----------	--

Persistence / Degradability:	Expected to be readily biodegradable
------------------------------	--------------------------------------

Oxidizes rapidly by photo-chemical reactions in air

Bioaccumulation: Has the potential to bioaccumulate

13. DISPOSAL CONSIDERATIONS

Material: Maximize material recovery for reuse or recycling. The characteristics of this product do not in itself cause the resulting waste to be considered a hazardous waste under RCRA criteria of 40 CFR 261.

Container: Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Do not puncture, cut, or weld unclean drums. Send drum to metal or drum reclaimer.

14. TRANSPORT INFORMATION

DOT Non-Bulk Package (< 119G container)

Shipping Name: Mineral Spirits (Petroleum Naphtha) (Not DOT regulated)

DOT Bulk Package (> 119G container)

Shipping Name: Combustible liquid, n.o.s. (petroleum naphtha)

UN/NA #: NA 1268

Hazard Class: Combustible Liquid

Packing Group: III

Placards: Class 3, NA 1268

Packaging Exceptions: 49 CFR 173.150

Packaging Requirements: 49 CFR 173.203, 173.242

North America Emergency Response Guidebook Guide No: 128

This material is not classified as hazardous under IATA and IMDG regulations.

15. REGULATORY INFORMATION

US Federal Regulations:

TSCA: This material is listed in the U.S. Toxic Substance Control Act Chemical Substance Inventory

CWA: This material is classified as an oil under Section 311 of the Clean Water Act and the Oil Pollution Control Act of 1990. Spills and discharges that cause a sheen on surface waters or in waterways and seaways that lead to surface waters must be reported to the national Response Center at 800-424-8802

CERCLA: This material does not contain any hazardous substances listed pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) and 40 CFR 302, Table 302.4.

SARA 302 and 304: This product does not contain any components listed in 40 CFR 302.4 and 40 CFR 355.

SARA 313: This product does not contain "toxic" chemicals subject to the requirements of Section 313 of Title II of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372.

SARA 311 and 312: This product poses the following health hazards as defined in 40 CFR 370 and are subject to the requirements of Sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

- Immediate (Acute) Health Hazard
- Delayed (Chronic health Hazard
- Fire Hazard

State Regulations:

California Prop 65: This product contains chemicals known to the State of California to cause cancer:

Chemical Name	CAS#
None	

16. OTHER INFORMATION

Reference Documents:

Some of the information provided in this Material Safety Data Sheet is supplied by manufacturers of products supplied to Heritage-Crystal Clean.

Although reasonable care has been taken in the preparation of this document we extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regardless of the suitability of this information for the user's intended purposes or the consequences of its use. Each individual should make a determination as to the suitability of the information of his or her particular purpose(s).

Heritage-Crystal Clean

ATTACHMENT I
Emissions Unit Table

ATTACHMENT J

Emission Points Data Summary Sheet (Table 1 and 2)

**Attachment J
EMISSION POINTS DATA SUMMARY SHEET**

Table 1: Emissions Data

Emission Point ID No. (Must match Emission Units Table- & Plot Plan)	Emission Point Type ¹	Emission Unit Vented Through This Point (Must match Emission Units Table & Plot Plan)		Air Pollution Control Device (Must match Emission Units Table & Plot Plan)		Vent Time for Emission Unit (chemical processes only)		All Regulated Pollutants - Chemical Name/CAS ³ (Speciate VOCs & HAPs)	Maximum Potential Uncontrolled Emissions ⁴		Maximum Potential Controlled Emissions ⁵		Emission Form or Phase (At exit conditions, Solid, Liquid or Gas/Vapor)	Est. Method Used ⁶	Emission Concentration (ppmv or mg/m ⁴)
		ID No.	Source	ID No.	Device Type	Short Term ²	Max (hr/yr)		lb/hr	ton/yr	lb/hr	ton/yr			
1E	Upward Vertical Stack	1S	Emergency Generator	N/A	N/A	N/A	500	PM/PM10/PM2.5	0.295	0.074	0.295	0.074	Gas	O - Emission Factor	Unknown
								NOx	4.157	1.039	4.157	1.039			
								CO	0.896	0.224	0.896	0.224			
								SO2	0.275	0.069	0.275	0.069			
								VOC	0.337	0.084	0.337	0.084			
								CO2e	154	38.554	154	38.554			
								Total HAPs	<0.001	<0.001	<0.001	<0.001			
								See calculations for speciated HAPs							
2E	General Building Vents/ Openings	2S, 3S, 4S	Filter Cleaner, Parts Washers, Waste Oil Heaters	2C	C	Dust Collector venting inside building for Filter Cleaner only - no devices on washer or heaters	8760	PM	0.223	0.976	0.223	0.976	Gas/Solid	Varies	Unknown
								PM10	0.208	0.909	0.208	0.909			
								PM2.5	0.208	0.909	0.208	0.909			
								NOx	0.040	0.177	0.040	0.177			
								CO	0.006	0.027	0.006	0.027			
								SO2	0.098	0.430	0.098	0.430			
								VOC	0.118	0.516	0.118	0.516			
								CO2e	80.7	353	80.7	353			
								Total HAPs	0.008	0.008	0.008	0.008			
								See calculations for speciated HAPs							

The EMISSION POINTS DATA SUMMARY SHEET provides a summation of emissions by emission unit. Note that uncaptured process emission unit emissions are not typically considered to be fugitive and must be accounted for on the appropriate EMISSIONS UNIT DATA SHEET and on the EMISSION POINTS DATA SUMMARY SHEET. Please note that total emissions from the source are equal to all vented emissions, all fugitive emissions, plus all other emissions (e.g. uncaptured emissions). Please complete the FUGITIVE EMISSIONS DATA SUMMARY SHEET for fugitive emission activities.

- 1 Please add descriptors such as upward vertical stack, downward vertical stack, horizontal stack, relief vent, rain cap, etc.
- 2 Indicate by "C" if venting is continuous. Otherwise, specify the average short-term venting rate with units, for intermittent venting (ie., 15 min/hr). Indicate as many rates as needed to clarify frequency of venting (e.g., 5 min/day, 2 days/wk).
- 3 List all regulated air pollutants. Speciate VOCs, including all HAPs. Follow chemical name with Chemical Abstracts Service (CAS) number. **LIST** Acids, CO, CS₂, VOCs, H₂S, Inorganics, Lead, Organics, O₃, NO, NO₂, SO₂, SO₃, all applicable Greenhouse Gases (including CO₂ and methane), etc. **DO NOT LIST** H₂, H₂O, N₂, O₂, and Noble Gases.
- 4 Give maximum potential emission rate with no control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).
- 5 Give maximum potential emission rate with proposed control equipment operating. If emissions occur for less than 1 hr, then record emissions per batch in minutes (e.g. 5 lb VOC/20 minute batch).
- 6 Indicate method used to determine emission rate as follows: MB = material balance; ST = stack test (give date of test); EE = engineering estimate; O = other (specify).
- 7 Provide for all pollutant emissions. Typically, the units of parts per million by volume (ppmv) are used. If the emission is a mineral acid (sulfuric, nitric, hydrochloric or phosphoric) use units of milligram per dry cubic meter (mg/m³) at standard conditions (68 °F and 29.92 inches Hg) (see 45CSR7). If the pollutant is SO₂, use units of ppmv (See 45CSR10).

Attachment J EMISSION POINTS DATA SUMMARY SHEET

Table 2: Release Parameter Data

Emission Point ID No. (Must match Emission Units Table)	Inner Diameter (ft.)	Exit Gas			Emission Point Elevation (ft)		UTM Coordinates (km)	
		Temp. (°F)	Volumetric Flow ¹ (acfm) at operating conditions	Velocity (fps)	Ground Level (Height above mean sea level)	Stack Height ² (Release height of emissions above ground level)	Northing	Easting
1E	0.25	1063	625	212	1117	6	4,364.607	569.493
2E	N/A	N/A	N/A	N/A	1111	N/A	4,364.614	569.472

¹ Give at operating conditions. Include inerts.

² Release height of emissions above ground level.

ATTACHMENT L

Emissions Unit Data Sheets

Attachment L
EMISSIONS UNIT DATA SHEET
GENERAL

To be used for affected sources other than asphalt plants, foundries, incinerators, indirect heat exchangers, and quarries.

Identification Number (as assigned on *Equipment List Form*): 1S

<p>1. Name or type and model of proposed affected source:</p> <p>100 kW (134hp) Diesel Emergency Generator installed in January 2012.</p>
<p>2. On a separate sheet(s), furnish a sketch(es) of this affected source. If a modification is to be made to this source, clearly indicated the change(s). Provide a narrative description of all features of the affected source which may affect the production of air pollutants.</p>
<p>3. Name(s) and maximum amount of proposed process material(s) charged per hour:</p> <p>7.2 gallons of diesel fuel per hour</p>
<p>4. Name(s) and maximum amount of proposed material(s) produced per hour:</p> <p>No material is produced by this process.</p>
<p>5. Give chemical reactions, if applicable, that will be involved in the generation of air pollutants:</p> <p>Diesel fuel combustion</p>

* The identification number which appears here must correspond to the air pollution control device identification number appearing on the *List Form*.

6. Combustion Data (if applicable):					
(a) Type and amount in appropriate units of fuel(s) to be burned:					
7.2 gallons of diesel fuel per hour					
(b) Chemical analysis of proposed fuel(s), excluding coal, including maximum percent sulfur and ash:					
Diesel fuel					
(c) Theoretical combustion air requirement (ACF/unit of fuel):					
@		°F and		psia.	
(d) Percent excess air:					
(e) Type and BTU/hr of burners and all other firing equipment planned to be used:					
100 kW engine					
(f) If coal is proposed as a source of fuel, identify supplier and seams and give sizing of the coal as it will be fired:					
N/A					
(g) Proposed maximum design heat input:				0.94	× 10 ⁶ BTU/hr.
7. Projected operating schedule:					
Hours/Day	As needed	Days/Week	As needed	Weeks/Year	As needed

8. Projected amount of pollutants that would be emitted from this affected source if no control devices were used:					
@	1063	°F and		Unknown	psia
a.	NO _x	4.157	lb/hr	Unknown	grains/ACF
b.	SO ₂	0.275	lb/hr	Unknown	grains/ACF
c.	CO	0.896	lb/hr	Unknown	grains/ACF
d.	PM ₁₀	0.295	lb/hr	Unknown	grains/ACF
e.	Hydrocarbons	0.337	lb/hr	Unknown	grains/ACF
f.	VOCs	0.337	lb/hr	Unknown	grains/ACF
g.	Pb	0	lb/hr	0	grains/ACF
h.	Specify other(s)				
	Total HAPs	<0.01	lb/hr	Unknown	grains/ACF
	CO ₂ e	154	lb/hr	Unknown	grains/ACF
			lb/hr		grains/ACF
			lb/hr		grains/ACF

NOTE: (1) An Air Pollution Control Device Sheet must be completed for any air pollution device(s) used to control emissions from this affected source.

(2) Complete the Emission Points Data Sheet.

<p>9. Proposed Monitoring, Recordkeeping, Reporting, and Testing Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.</p>	
<p>MONITORING 40 CFR 63 Subpart ZZZZ</p> <ul style="list-style-type: none"> - Install a non-resettable hour meter on the engine. - Operating the engine only for emergency situations or for maintenance and testing. - Limiting operation for maintenance and testing to less than 50 hours per year. - Use only ultra-low sulfur diesel (maximum 15 ppm sulfur by weight) 	<p>RECORDKEEPING 40 CFR 63 Subpart ZZZZ</p> <ul style="list-style-type: none"> - Maintaining manufacturer certification that the engine meets the emergency or non-emergency emission standards in Table 4 to 40 CFR 60 Subpart IIII - Maintain a log of operation that indicates when the engine is used for emergency situations, maintenance and testing, and other non-emergency situations. - Maintain records of annual maintenance.
<p>REPORTING 40 CFR 63 Subpart ZZZZ</p>	<p>TESTING 40 CFR 63 Subpart ZZZZ</p>
<p>MONITORING. PLEASE LIST AND DESCRIBE THE PROCESS PARAMETERS AND RANGES THAT ARE PROPOSED TO BE MONITORED IN ORDER TO DEMONSTRATE COMPLIANCE WITH THE OPERATION OF THIS PROCESS EQUIPMENT OPERATION/AIR POLLUTION CONTROL DEVICE.</p> <p>RECORDKEEPING. PLEASE DESCRIBE THE PROPOSED RECORDKEEPING THAT WILL ACCOMPANY THE MONITORING.</p> <p>REPORTING. PLEASE DESCRIBE THE PROPOSED FREQUENCY OF REPORTING OF THE RECORDKEEPING.</p> <p>TESTING. PLEASE DESCRIBE ANY PROPOSED EMISSIONS TESTING FOR THIS PROCESS EQUIPMENT/AIR POLLUTION CONTROL DEVICE.</p>	
<p>10. Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty N/A</p>	

Emission Unit Data Sheet General - #2 Emergency Generator (1S)

This unit is a diesel-fueled emergency generator. The only emissions result from the internal combustion of diesel fuel. There are no features that would affect the emissions of the source.

Attachment L
EMISSIONS UNIT DATA SHEET
GENERAL

To be used for affected sources other than asphalt plants, foundries, incinerators, indirect heat exchangers, and quarries.

Identification Number (as assigned on *Equipment List Form*): 2S

<p>1. Name or type and model of proposed affected source:</p> <p>Filter Cleaner - FSX TrapBlast Pnuematic DPF Cleaner</p>
<p>2. On a separate sheet(s), furnish a sketch(es) of this affected source. If a modification is to be made to this source, clearly indicated the change(s). Provide a narrative description of all features of the affected source which may affect the production of air pollutants.</p>
<p>3. Name(s) and maximum amount of proposed process material(s) charged per hour:</p> <p>2 dirty filters per hour.</p>
<p>4. Name(s) and maximum amount of proposed material(s) produced per hour:</p> <p>2 clean filters per hour.</p>
<p>5. Give chemical reactions, if applicable, that will be involved in the generation of air pollutants:</p> <p>N/A.</p>

* The identification number which appears here must correspond to the air pollution control device identification number appearing on the *List Form*.

6. Combustion Data (if applicable):			
(a) Type and amount in appropriate units of fuel(s) to be burned:			
N/A.			
(b) Chemical analysis of proposed fuel(s), excluding coal, including maximum percent sulfur and ash:			
(c) Theoretical combustion air requirement (ACF/unit of fuel):			
	@	°F and	psia.
(d) Percent excess air:			
(e) Type and BTU/hr of burners and all other firing equipment planned to be used:			
(f) If coal is proposed as a source of fuel, identify supplier and seams and give sizing of the coal as it will be fired:			
(g) Proposed maximum design heat input: × 10⁶ BTU/hr.			
7. Projected operating schedule:			
Hours/Day	24	Days/Week	7
		Weeks/Year	52

8. Projected amount of pollutants that would be emitted from this affected source if no control devices were used:				
@	70	°F and	Unknown	psia
a. NO _x		0 lb/hr	0	grains/ACF
b. SO ₂		0 lb/hr	0	grains/ACF
c. CO		0 lb/hr	0	grains/ACF
d. PM ₁₀		5.55 lb/hr	Unknown	grains/ACF
e. Hydrocarbons		0 lb/hr	0	grains/ACF
f. VOCs		0 lb/hr	0	grains/ACF
g. Pb		0 lb/hr	0	grains/ACF
h. Specify other(s)				
None.		lb/hr		grains/ACF
		lb/hr		grains/ACF
		lb/hr		grains/ACF
		lb/hr		grains/ACF

NOTE: (1) An Air Pollution Control Device Sheet must be completed for any air pollution device(s) used to control emissions from this affected source.

(2) Complete the Emission Points Data Sheet.

<p>9. Proposed Monitoring, Recordkeeping, Reporting, and Testing Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.</p>	
<p>MONITORING N/A</p>	<p>RECORDKEEPING N/A</p>
<p>REPORTING N/A</p>	<p>TESTING N/A</p>
<p>MONITORING. PLEASE LIST AND DESCRIBE THE PROCESS PARAMETERS AND RANGES THAT ARE PROPOSED TO BE MONITORED IN ORDER TO DEMONSTRATE COMPLIANCE WITH THE OPERATION OF THIS PROCESS EQUIPMENT OPERATION/AIR POLLUTION CONTROL DEVICE.</p> <p>RECORDKEEPING. PLEASE DESCRIBE THE PROPOSED RECORDKEEPING THAT WILL ACCOMPANY THE MONITORING.</p> <p>REPORTING. PLEASE DESCRIBE THE PROPOSED FREQUENCY OF REPORTING OF THE RECORDKEEPING.</p> <p>TESTING. PLEASE DESCRIBE ANY PROPOSED EMISSIONS TESTING FOR THIS PROCESS EQUIPMENT/AIR POLLUTION CONTROL DEVICE.</p>	
<p>10. Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty N/A.</p>	

Emission Unit Data Sheet General - #2

Filter Cleaner (2S)

This emissions unit is used to clean dirty vehicle filters. The dirty filter is loaded into the chamber and a nozzle blows pressurized air and generates electric heat as needed to clean the filter. The exhaust is then run through two filters in the piece of equipment before venting inside the facility. The emissions are very limited but may vary slightly based on the loading of each filter.



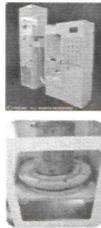
DIESEL PARTICULATE FILTER CLEANING EQUIPMENT

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FSX TrapBlaster™ Pneumatic DPF Cleaner



The TrapBlaster™ supports two modes of operation:

FullAir mode - 120 CFM/100 PSI of dry air delivered to the TrapBlaster running Full Air Mode. Usually this can be accomplished using a 30 to 40 HP air compressor depending on air compressor manufacturer, air dryer used, pipe configuration and altitude.

AirSaver mode - For lower volume shops get your filters "FSX Clean" with a minimum of 60 CFM/ 100 PSI of dry air delivered to the TrapBlaster, typically with a 20hp or greater compressor. AirSaver mode has been certified to clean filters just as well as FullAir mode. With a smaller air supply and alternating upper and lower air blast nozzles, the same level of cleaning is performed by extending the process time.

Contact [Sales](#) to order your FSX TrapBlaster™ today!

FEATURES | INCLUDED | SPECIFICATIONS | REQUIREMENTS | VIDEO

SPECIFICATIONS

- Automatic operating mode allows operator to walk away.
- Manual overrides allow "on the fly" adjustments for custom cleaning.
- High pressure scanning air jets simultaneously cleans both ends of the filter for superior ash removal.
- Each filter cell is addressed individually to assure that no cell is left un-cleaned.
- Upper and lower window with internal lights let the operator watch the dust come out of the filter. Cleaning is done when ash stops coming out.
- Diagnostic feature built into the cleaning action allows detection of failed cell walls & defective filters.
- Scanning air jets do not harm cell walls, platinum coatings or dislodge ceramic from the casing.
- Adjustable nozzle system allows cleaning under filter flanges and into recessed cavities.
- Fully adjustable for filter heights from 6" to 36" with the flip of a switch.
- Nozzle travel distance is switch controlled to allow quick change for filter diameters ranging from 6" OD to 16" OD.
- Side stitch feature allows focusing the cleaning action on the outside perimeter of the filter.
- Timer activates signal light. Cleaning time will vary from 15 minutes to 45 minutes depending on filter diameter, height and loading.
- Emergency shutoff switch stops all functions.
- Door switch stops all blowing for safety.
- Quiet 84 dBA.

TECHNICAL SPECIFICATION:

- Exhaust: 8" QF duct connection on bottom left side or back left
- Dimensions: 77"H x 48"W x 30"D
- Weight: 850 lbs
- Electrical: Standard outlet 115 Volt, 1 ph, 20 amps.
- UL controlled

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Attachment L
EMISSIONS UNIT DATA SHEET
GENERAL

To be used for affected sources other than asphalt plants, foundries, incinerators, indirect heat exchangers, and quarries.

Identification Number (as assigned on *Equipment List Form*): 3S

<p>1. Name or type and model of proposed affected source:</p> <p>Parts Washers - (1) Crystal Clean Parts Washer and (1) Rotary Parts Washer</p>
<p>2. On a separate sheet(s), furnish a sketch(es) of this affected source. If a modification is to be made to this source, clearly indicated the change(s). Provide a narrative description of all features of the affected source which may affect the production of air pollutants.</p>
<p>3. Name(s) and maximum amount of proposed process material(s) charged per hour:</p> <p>Dirty parts as needed.</p>
<p>4. Name(s) and maximum amount of proposed material(s) produced per hour:</p> <p>Cleaned parts as needed.</p>
<p>5. Give chemical reactions, if applicable, that will be involved in the generation of air pollutants:</p> <p>Emissions are based on evaporation of cleaning fluid.</p>

* The identification number which appears here must correspond to the air pollution control device identification number appearing on the *List Form*.

6. Combustion Data (if applicable):			
(a) Type and amount in appropriate units of fuel(s) to be burned:			
N/A.			
(b) Chemical analysis of proposed fuel(s), excluding coal, including maximum percent sulfur and ash:			
(c) Theoretical combustion air requirement (ACF/unit of fuel):			
	@	°F and	psia.
(d) Percent excess air:			
(e) Type and BTU/hr of burners and all other firing equipment planned to be used:			
(f) If coal is proposed as a source of fuel, identify supplier and seams and give sizing of the coal as it will be fired:			
(g) Proposed maximum design heat input: × 10⁶ BTU/hr.			
7. Projected operating schedule:			
Hours/Day	24	Days/Week	7
		Weeks/Year	52

8. Projected amount of pollutants that would be emitted from this affected source if no control devices were used:				
@	70	°F and	Unknown	psia
a. NO _x		0 lb/hr	0	grains/ACF
b. SO ₂		0 lb/hr	0	grains/ACF
c. CO		0 lb/hr	0	grains/ACF
d. PM ₁₀		0 lb/hr	0	grains/ACF
e. Hydrocarbons		0.114 lb/hr	Unknown	grains/ACF
f. VOCs		0.114 lb/hr	Unknown	grains/ACF
g. Pb		0 lb/hr	0	grains/ACF
h. Specify other(s)				
	None.	lb/hr		grains/ACF
		lb/hr		grains/ACF
		lb/hr		grains/ACF
		lb/hr		grains/ACF

NOTE: (1) An Air Pollution Control Device Sheet must be completed for any air pollution device(s) used to control emissions from this affected source.
 (2) Complete the Emission Points Data Sheet.

<p>9. Proposed Monitoring, Recordkeeping, Reporting, and Testing Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.</p>	
<p>MONITORING N/A</p>	<p>RECORDKEEPING N/A</p>
<p>REPORTING N/A</p>	<p>TESTING N/A</p>
<p>MONITORING. PLEASE LIST AND DESCRIBE THE PROCESS PARAMETERS AND RANGES THAT ARE PROPOSED TO BE MONITORED IN ORDER TO DEMONSTRATE COMPLIANCE WITH THE OPERATION OF THIS PROCESS EQUIPMENT OPERATION/AIR POLLUTION CONTROL DEVICE.</p> <p>RECORDKEEPING. PLEASE DESCRIBE THE PROPOSED RECORDKEEPING THAT WILL ACCOMPANY THE MONITORING.</p> <p>REPORTING. PLEASE DESCRIBE THE PROPOSED FREQUENCY OF REPORTING OF THE RECORDKEEPING.</p> <p>TESTING. PLEASE DESCRIBE ANY PROPOSED EMISSIONS TESTING FOR THIS PROCESS EQUIPMENT/AIR POLLUTION CONTROL DEVICE.</p>	
<p>10. Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty N/A.</p>	

Emission Unit Data Sheet General - #2 Parts Washers (3S)

This emission unit consists of one (1) Crystal Clean Parts Washer and one (1) Rotary Parts Washer. Emissions are based solely on the evaporation of the material stored in the parts washer. Actual emissions will vary depending on the material used in the parts washer; however the potential emissions included with this application assume each parts washer is using the worst-case scenario material.

Attachment L
Emission Unit Data Sheet
 (INDIRECT HEAT EXCHANGER)

Control Device ID No. (must match List Form): N/A

Equipment Information

1. Manufacturer: Unknown - (2) Waste Oil Space Heaters	2. Model No. Unknown Serial No.
3. Number of units: 2 (identical)	4. Use: Space Heater
5. Rated Boiler Horsepower: N/A hp	6. Boiler Serial No.: N/A
7. Date constructed: 1/1/2015	8. Date of last modification and explain: N/A
9. Maximum design heat input per unit: 0.275 $\times 10^6$ BTU/hr	10. Peak heat input per unit: 0.275 $\times 10^6$ BTU/hr
11. Steam produced at maximum design output: N/A LB/hr psig	12. Projected Operating Schedule: Hours/Day 24 Days/Week 7 Weeks/Year 52
13. Type of firing equipment to be used: <input type="checkbox"/> Pulverized coal <input type="checkbox"/> Spreader stoker <input checked="" type="checkbox"/> Oil burners <input type="checkbox"/> Natural Gas Burner <input type="checkbox"/> Others, specify	14. Proposed type of burners and orientation: <input type="checkbox"/> Vertical <input type="checkbox"/> Front Wall <input type="checkbox"/> Opposed <input type="checkbox"/> Tangential <input type="checkbox"/> Others, specify
15. Type of draft: <input type="checkbox"/> Forced <input checked="" type="checkbox"/> Induced	16. Percent of ash retained in furnace: Unknown %
17. Will flyash be reinjected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	18. Percent of carbon in flyash: N/A %

Stack or Vent Data

19. Inside diameter or dimensions: N/A - no stack ft.	20. Gas exit temperature: °F
21. Height: ft.	22. Stack serves: <input type="checkbox"/> This equipment only <input type="checkbox"/> Other equipment also (submit type and rating of all other equipment exhausted through this stack or vent)
23. Gas flow rate: ft ³ /min	
24. Estimated percent of moisture: %	

Emissions Stream

37. What quantities of pollutants will be emitted from the boiler before controls?

Pollutant	Pounds per Hour lb/hr	grain/ACF	@ °F	PSIA
CO	0.003	N/A	Unknown	Unknown
Hydrocarbons	0.002	N/A	Unknown	Unknown
NO _x	0.020	N/A	Unknown	Unknown
Pb	0.001	N/A	Unknown	Unknown
PM ₁₀	0.048	N/A	Unknown	Unknown
SO ₂	0.049	N/A	Unknown	Unknown
VOCs	0.002	N/A	Unknown	Unknown
Other (specify) CO ₂ e	80.7	N/A	Unknown	Unknown
Total HAPs	<0.01	N/A	Unknown	Unknown
Speciated HAPs	See Calculations			

38. What quantities of pollutants will be emitted from the boiler after controls?

Pollutant	Pounds per Hour lb/hr	grain/ACF	@ °F	PSIA
CO	N/A			
Hydrocarbons	N/A			
NO _x	N/A			
Pb	N/A			
PM ₁₀	N/A			
SO ₂	N/A			
VOCs	N/A			
Other (specify)	N/A			

39. How will waste material from the process and control equipment be disposed of?

Any waste from this unit will be disposed of according to local and Federal regulations

40. Have you completed an *Air Pollution Control Device Sheet(s)* for the control(s) used on this Emission Unit. N/A41. Have you included the **air pollution rates** on the Emissions Points Data Summary Sheet? see calcs

42. Proposed Monitoring, Recordkeeping, Reporting, and Testing

Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.

MONITORING PLAN: Please list (1) describe the process parameters and how they were chosen (2) the ranges and how they were established for monitoring to demonstrate compliance with the operation of this process equipment operation or air pollution control device.

N/A

TESTING PLAN: Please describe any proposed emissions testing for this process equipment or air pollution control device.

N/A

RECORDKEEPING: Please describe the proposed recordkeeping that will accompany the monitoring.

N/A

REPORTING: Please describe the proposed frequency of reporting of the recordkeeping.

N/A

43. Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty.

N/A

Emission Unit Data Sheet General - #2
Waste Oil Heaters (4S)

This unit is comprised of two (2) waste oil space heaters used for creature comfort. The only emissions result from the combustion of waste oil. There are no features that would affect the emissions of the source.

ATTACHMENT M

Air Pollution Control Devices

Attachment M
Air Pollution Control Device Sheet
(Other Collectors)

Control Device ID No. (must match Emission Units Table): 1C

Equipment Information

1. Manufacturer: FSX Model No. SootSucker™ Dust Collector	2. Control Device Name: FSX SootSucker™ Type: Dust Collector
3. Provide diagram(s) of unit describing capture system with duct arrangement and size of duct, air volume, capacity, horsepower of movers. If applicable, state hood face velocity and hood collection efficiency.	
4. On a separate sheet(s) supply all data and calculations used in selecting or designing this collection device.	
5. Provide a scale diagram of the control device showing internal construction.	
6. Submit a schematic and diagram with dimensions and flow rates.	
7. Guaranteed minimum collection efficiency for each pollutant collected: 100% capture in booth and 99+% control efficiency of PM/PM10/PM2.5 of the scrubber.	
8. Attached efficiency curve and/or other efficiency information.	
9. Design inlet volume: 1,300 SCFM	10. Capacity: 1,300 scfm
11. Indicate the liquid flow rate and describe equipment provided to measure pressure drop and flow rate, if any. N/A	
12. Attach any additional data including auxiliary equipment and operation details to thoroughly evaluate the control equipment.	
13. Description of method of handling the collected material(s) for reuse or disposal. Waste material is collected in a small drum in the bottom of the equipment door.	

Gas Stream Characteristics

14. Are halogenated organics present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Are particulates present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Are metals present?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
15. Inlet Emission stream parameters:	Maximum	Typical	
Pressure (mmHg):	Unknown	Unknown	
Heat Content (BTU/scf):	N/A	N/A	
Oxygen Content (%):	21	21	
Moisture Content (%):	N/A	N/A	
Relative Humidity (%):	Ambient	Ambient	

16. Type of pollutant(s) controlled: <input type="checkbox"/> SO _x <input type="checkbox"/> Odor <input checked="" type="checkbox"/> Particulate (type): <input type="checkbox"/> Other				
17. Inlet gas velocity: 350-400 ft/sec	18. Pollutant specific gravity: Unknown			
19. Gas flow into the collector: 1,300 ACF @ 70 °F and Unknown PSIA	20. Gas stream temperature: Inlet: 70 °F Outlet: 70 °F			
21. Gas flow rate: Design Maximum: 1,300 ACFM Average Expected: 1,300 ACFM	22. Particulate Grain Loading in grains/scf: Inlet: 0.01 Outlet: 0.01			
23. Emission rate of each pollutant (specify) into and out of collector:				
Pollutant	IN Pollutant	Emission Capture Efficiency %	OUT Pollutant	Control Efficiency %
	lb/hr	grains/acf	lb/hr	grains/acf
A PM/PM10/PM2.5	5.55	-	0.111	0.01
B				
C				
D				
E				
24. Dimensions of stack: Height N/A ft. Diameter N/A ft.				
25. Supply a curve showing proposed collection efficiency versus gas volume from 25 to 130 percent of design rating of collector.				

Particulate Distribution

26. Complete the table:	Particle Size Distribution at Inlet to Collector	Fraction Efficiency of Collector
Particulate Size Range (microns)	Weight % for Size Range	Weight % for Size Range
0 – 2	Unknown	Unknown
2 – 4	Unknown	Unknown
4 – 6	Unknown	Unknown
6 – 8	Unknown	Unknown
8 – 10	Unknown	Unknown
10 – 12	Unknown	Unknown
12 – 16	Unknown	Unknown
16 – 20	Unknown	Unknown
20 – 30	Unknown	Unknown
30 – 40	Unknown	Unknown
40 – 50	Unknown	Unknown
50 – 60	Unknown	Unknown
60 – 70	Unknown	Unknown
70 – 80	Unknown	Unknown
80 – 90	Unknown	Unknown
90 – 100	Unknown	Unknown
>100	Unknown	Unknown

27. Describe any air pollution control device inlet and outlet gas conditioning processes (e.g., gas cooling, gas reheating, gas humidification): N/A

28. Describe the collection material disposal system: Material is collected inside the equipment.

29. Have you included **Other Collectores Control Device** in the Emissions Points Data Summary Sheet?

30. Proposed Monitoring, Recordkeeping, Reporting, and Testing

Please propose monitoring, recordkeeping, and reporting in order to demonstrate compliance with the proposed operating parameters. Please propose testing in order to demonstrate compliance with the proposed emissions limits.

MONITORING: N/A

RECORDKEEPING: N/A

REPORTING: N/A

TESTING: N/A

MONITORING: Please list and describe the process parameters and ranges that are proposed to be monitored in order to demonstrate compliance with the operation of this process equipment or air control device.

RECORDKEEPING: Please describe the proposed recordkeeping that will accompany the monitoring.

REPORTING: Please describe any proposed emissions testing for this process equipment on air pollution control device.

TESTING: Please describe any proposed emissions testing for this process equipment on air pollution control device.

31. Manufacturer's Guaranteed Control Efficiency for each air pollutant. N/A

32. Manufacturer's Guaranteed Control Efficiency for each air pollutant. N/A

33. Describe all operating ranges and maintenance procedures required by Manufacturer to maintain warranty. N/A

Air Pollution Control Device Sheet - #2
Filter Cleaner Filter – FSX SootSucker Dust Collector (1C)

This control device is part of the filter cleaner emissions unit. It is a simple fabric and cartridge filter that filters the exhaust air from the filter cleaner device. The attached manufacturer specifications were the only additional available data on the equipment.



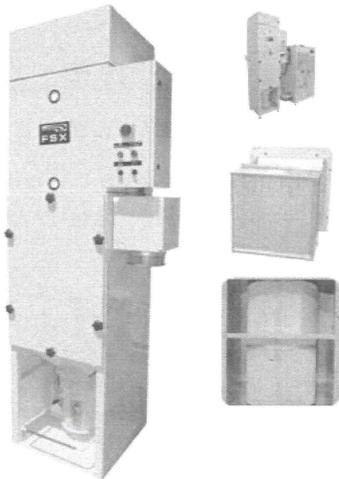
DIESEL PARTICULATE FILTER CLEANING EQUIPMENT

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FSX SootSucker™ Dust Collector



Captures diesel particulate released from Diesel Particulate Filters (DPF) being cleaned using the FSX TrapBlaster™ Pneumatic Cleaner

Automatic online self-cleaning cycle pulses dust out of internal filters to drop into the bottom Quick-Release Bucket™ while operating.

Two stage filtration

Duct connection and air jumper hose included to connect to the TrapBlaster™ Pneumatic Cleaner.

Only for use with the [FSX TrapBlaster™ Pneumatic Cleaner](#).

Contact [Sales](#) to order your FSX SootSucker™ today!

FEATURES

SPECIFICATIONS

REQUIREMENTS

FEATURES

- Includes automatic online self-cleaning cycle pulses dust out of internal filters to drop into the bottom quick-release bucket while operating.
- Hand controlled offline cleaning cycle to clear filters after fan shuts down.
- Has enough volume to operate one FSX TrapBlaster™ Pneumatic DPF Cleaner.
- Two stage filtration
 - Stage 1 - Paper Cartridge Filter, 98.5% efficient at 1-3 micron
 - Stage 2 - HEPA Panel Filter, 99.7% efficient at 1 micron (24" x 24" x 12")
- Allows return of air indoors
- Duct connection and air jumper hose included to connect to the TrapBlaster™ Pneumatic Cleaner.

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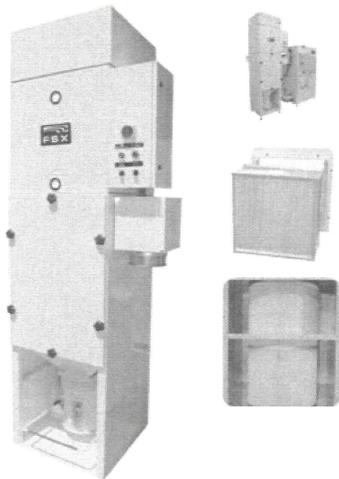
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FSX SootSucker™ Dust Collector



Captures diesel particulate released from Diesel Particulate Filters (DPF) being cleaned using the FSX TrapBlaster™ Pneumatic Cleaner

Automatic online self-cleaning cycle pulses dust out of internal filters to drop into the bottom Quick-Release Bucket™ while operating.

Two stage filtration

Duct connection and air jumper hose included to connect to the TrapBlaster™ Pneumatic Cleaner.

Only for use with the [FSX TrapBlaster™ Pneumatic Cleaner](#).

Contact [Sales](#) to order your FSX SootSucker™ today!

FEATURES	SPECIFICATIONS	REQUIREMENTS
<h3>SPECIFICATIONS</h3> <ul style="list-style-type: none"> • CFM: 1300 w/ clean filter; 500 CFM w/ dirty filter • Stage 1 filter cartridge is cleanable • Fan is high efficiency non-overloading • Minihelic pressure gauge for primary filter • Inlet port: 8" ID on side; exhaust out the top • Dimensions: 26"W x 26"D x 103"H (approx.) • Weight: 434 lbs • Electrical: 2 HP motor; 208/220/480 Volt, 3-ph • Air Requirement: 15 CFM @ 90 PSI • Uses standard 5 gallon plastic lubricant bucket found in most shops. Remove bucket, snap on the lid and dispose of in accordance with your local regulations. Replace with an empty bucket. 		

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ATTACHMENT N
Emissions Calculations

**Emissions Summary
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Potential-to-Emit Summary										
Emissions (TPY)										
PROCESS	UNIT ID	PM	PM10	PM2.5	SOx	NOx	VOC	CO	Lead	CO2e
Emergency Generator (Diesel)	1S	0.074	0.074	0.074	0.069	1.039	0.084	0.224		38.554
Filter Cleaner	2S	0.488	0.488	0.488						
Total Parts Washers	3S						0.500			
Crystal Clean Parts Washer	3S						0.328			
Rotary Parts Washer	3S						0.172			
Total Waste Oil Heaters	4S	0.488	0.421	0.421	0.430	0.177	0.016	0.027	0.005	353.320
Waste Oil Heater #1	4S	0.244	0.211	0.211	0.215	0.088	0.008	0.014	0.002	176.660
Waste Oil Heaters #2	4S	0.244	0.211	0.211	0.215	0.088	0.008	0.014	0.002	176.660
TOTAL		1.05	0.98	0.98	0.50	1.22	0.60	0.25	0.00	391.87

**Emissions Calculations
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Flow Diagram Designation**Emergency Generator (Diesel)**

1S

Process Description:**Emergency Generator (Diesel)****Control Device:**

Emergency Generator - Diesel Combustion
PSD Regulated and HAP Emissions Estimates

Inputs

134.1	= Rating of Generator (hp) (power output)
7000	= Brake Specific Fuel Consumption Conversion of Btu/hp-hr
0.94	= Fuel Input (MMBtu/hr)
500	= Potential Operation (hours/year)
469	= Annual Fuel Input (MMBtu/year)

POLLUTANT	CAS #	Note 1	Note 1	Maximum Emissions		
		Emission Factor (lb/hp-hr)	Emission Factor (lb/MMBtu)	(lbs/hr)	(tpy)	
PM/PM10/PM2.5	n/a	0.0022		0.295	0.074	
NOx	n/a	0.0310		4.157	1.039	
CO	n/a	0.0067		0.896	0.224	
Lead	n/a					
SO2	n/a	0.0021		0.275	0.069	
VOC	n/a	0.0025		0.337	0.084	
CO ₂ e	n/a	1.15		154	38.554	
Benzene	71-43-2		9.33E-04	8.76E-04	2.19E-04	
Toluene	108-88-3		4.09E-04	3.84E-04	9.60E-05	
Xylenes	1330-20-7		2.85E-04	2.68E-04	6.69E-05	
Note 3 Propylene			2.58E-03	2.42E-03	6.05E-04	
Note 2 1,3-Butadiene	106-99-0		3.91E-05	3.67E-05	9.18E-06	
Formaldehyde	50-00-0		1.18E-03	1.11E-03	2.77E-04	
Acetaldehyde	75-07-0		7.67E-04	7.20E-04	1.80E-04	
Note 2 Acrolein	107-02-8		9.25E-05	8.68E-05	2.17E-05	
Polycyclic aromatic hydrocarbons (PAH)						
	Naphthalene	91-20-3		8.48E-05	7.96E-05	1.99E-05
Note 2 POM/Acenaphthylene		203-96-8		5.06E-06	4.75E-06	1.19E-06
Note 2 POM/Acenaphthene		83-32-9		1.42E-06	1.33E-06	3.33E-07
	POM/Fluorene	86-73-7		2.92E-05	2.74E-05	6.85E-06
	POM/Phenanthrene	85-01-8		2.94E-05	2.76E-05	6.90E-06
	POM/Anthracene	120-12-7		1.87E-06	1.76E-06	4.39E-07
	POM/Fluoranthene	206-44-0		7.61E-06	7.14E-06	1.79E-06
	POM/Pyrene	129-00-0		4.78E-06	4.49E-06	1.12E-06
	POM/Benz(a)anthracene	56-55-3		1.68E-06	1.58E-06	3.94E-07
	POM/Chrysene	218-01-9		3.53E-07	3.31E-07	8.28E-08
Note 2 POM/Benzo(b)fluoranthene		205-99-2		9.91E-08	9.30E-08	2.33E-08
Note 2 POM/Benzo(k)fluoranthene		207-08-9		1.55E-07	1.46E-07	3.64E-08
Note 2 POM/Benzo(a)pyrene		50-32-8		1.88E-07	1.76E-07	4.41E-08
Note 2 POM/Indeno(1,2,3-cd)pyrene		193-39-5		3.75E-07	3.52E-07	8.80E-08
Note 2 POM/Dibenzo(a,h)anthracene		53-70-3		5.83E-07	5.47E-07	1.37E-07
Note 2 POM/Benzo(g,h,i)perylene		191-24-2		4.89E-07	4.59E-07	1.15E-07
	Total PAHs		1.68E-04	1.58E-04	3.94E-05	
	Total POMs		8.33E-05	7.82E-05	1.95E-05	
	Total HAPs			3.64E-03	9.09E-04	

Note 1: AP-42 (10/96), Section 3.3

Note 2: For conservatism, where emission factors were < than a specific value the specific value was used.

Note 3: Not a Hazardous Air Pollutant

Max. Hourly Emission = Max. Hourly Fuel Input x Pollutant E.F.

Max. Yearly Emission = Max.Hourly Emission Rate (lb/hr) x (Max. Hours of Operation)

**Emissions Calculations
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Maximum Capacity
Tons/Year

Maximum Capacity
Tons/Hour

Flow Diagram Designation
Filter Cleaner

Process Description:

Cummins Corporation
Filter Cleaner
Control Device:
SCC Code:
Control Device Outlet:
Airflow:
Stack Gas Temperature:

Filter

0.01 gr/dscf
1,300 acfm
70 °F

Facility Process Name:		Criteria Pollutants									
Filter Cleaner	Emission Factor Basis:	PM	PM10	PM2.5	SOx	NOx	VOC	CO	OC	Lead	
Emission Factors:											
	(source)										
	Capture Efficiency	100.00	100.00	100.00							
	Control Efficiency	98.00	98.00	98.00							
	Building Capt. Eff										
Maximum Stack Emission Rate:											
	Hourly (lb/hr)	0.111	0.111	0.111							
	Annual (TPY)	0.488	0.488	0.488							
Maximum Fugitive Emission Rate:											
	Hourly (lb/hr)										
	Annual (TPY)										
Total Emission Rate:											
	Hourly (lb/hr)	0.111	0.111	0.111							
	Annual (TPY)	0.488	0.488	0.488							

Note 1: Based on manufacturer specification information
Note 2: Uncontrolled emissions PM/PM10/PM2.5 emissions would be 5.55 lbs/hr and 24.4 tpy based on an assumed control efficiency of 98%

POTENTIAL OPERATING SCHEDULE

24.0 hrs/day
8,760 hrs/year

EXAMPLE CALCULATIONS:

PM/PM10 stack emissions (TPY) = (gr/dscf)(acfm)(460+70)/(460+Stack Gas Temp)(60 min/hr)(1 lb/7000 gr)(hrs of operation)(yr)(1 ton/2000 lbs)
PM/PM10 fugitive emissions (TPY) = (annual throughput)(%Resin)(PM/PM10 emission factor)(1-capture efficiency/100)(1-building capture/100)(1ton/2000 lbs)

**Emissions Calculations
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Flow Diagram Designation
Crystal Clean Parts Washer
3S
Process Description:
Cummins Corporation
Crystal Clean Parts Washer
Control Device:
SCC Code:
Control Device Outlet:
Airflow:
Stack Gas Temperature:

gr/dscf
acfm
°F

Description	Average Temp	Wind Speed	Viscosity of air/vapor mixture	Total Pressure	Chemical Formula	Molecular Weight	Conc (weight)	Conc (molar)	Atomic Diffusion Volume	Diffusion Coef	Vapor Pressure	Partial Pressure	Emission Factor
	T K	V mph	μ lb/ft-hr	P atm		MW	Cw %	Cm %	ν --	D_v ft ² /hr	Pv in Hg	Pp in Hg	EF lb/hr-ft ²
Nomenclature													
Units													
Element													
Carbon					C	12.01115			16.5				
Hydrogen					H	1.0079			1.98				
Oxygen					O	15.9994			5.48				
Nitrogen					N	14.0067			5.69				
Sulfur					P	30.974							
Sodium					Na	22.9898							
Sulfur					S	32.065			17				
Compound (Component of Liquid)													
Petroleum distillates, hydrotreated light					C ₁₅ H ₃₀	210.404	100.00%	100.00%	306.900		0.203183	0.203183	1.25E-01
Water					H ₂ O	18.015		0.0048	9.44		0.814961		
Total													
Phase													
Liquid	294.26			1		210.404			306.900		0.203183		1.25E-01
Air	293.15		0.045		79% N ₂ / 21% O ₂	28.850			20.1				0.124979
Parts Wash Surface Area:		6											
Evaporative Emissions													
Petroleum distillates, hydrotreated light	7.50E-01	3.28E+00											
Uncontrolled VOC Emissions	0.75	3.28											
% of time parts washer lid is closed	90%												
Controlled VOC Emissions	0.075	0.33											

Note 1: SDS for Crystal Clean Premium 142 Mineral Spirits
Note 2: Molecular formulas vary. Given formulas are typical example of each compound

**Emissions Calculations
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Flow Diagram Designation
Rotary Parts Washer
3S
Process Description:
Cummins Corporation
Rotary Parts Washer
Control Device:
SCC Code:
Control Device Outlet:
Airflow:
Stack Gas Temperature:

gr/dscf
acfm
°F

Description	Average Temp		Wind Speed	Viscosity of air/vapor mixture	Total Pressure	Chemical Formula	Molecular Weight	Conc		Atomic Diffusion Volume	Diffusion Coeff	Vapor Pressure	Partial Pressure	Emission Factor
	T	K						Cw	Cm					
Nomenclature	T	K	V	μ	P	--	MW	%	%	v	D _v	P _v	P _p	EF
Units			mph	lb/ft-hr	atm	--	--	--	--	--	ft ² /hr	in Hg	in Hg	lb/hr-ft ²
Element														
Carbon						C	12.01115			16.5				
Hydrogen						H	1.0079			1.98				
Oxygen						O	15.9994			5.48				
Nitrogen						N	14.0067			5.69				
Sulfur						P	30.974							
Sodium						Na	22.9898							
Sulfur						S	32.065			17				
Compound (Component of Liquid)														
Petroleum distillates, hydrotreated light						C ₁₅ H ₃₀	210.404	100.00%	100.00%	306.900		0.203183	0.203183	1.25E-01
Water						H ₂ O	18.015		0.0048	9.44		0.814661		
Total														
Phase														
Liquid	294.26				1		210.404			306.900		0.203183		1.25E-01
Air	293.15			0.045		79%N ₂ /21%O ₂	28.850			20.1				0.124979
Parts Wash Surface Area:			3.142	ft ²										
Evaporative Emissions			lb/hr	TPY										
Petroleum distillates, hydrotreated light	3.93E-01		1.72E+00											
Uncontrolled VOC Emissions	0.39		1.72											
% of time parts washer lid is closed	90%													
Controlled VOC Emissions	lb/hr	TPY												
	0.039	0.17												

Note 1: SDS for Crystal Clean Premium 142 Mineral Spirits
Note 2: Molecular formulas vary. Given formulas are typical examples of each compound

**Emissions Calculations
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Flow Diagram Designation**Waste Oil Heater #1
4S**Process Description:

Waste Oil Heater #1

Control Device:

Natural Gas Combustion

Inputs

0.275

150

0.0018

8760

16.060

= Max. Hourly Heat Input Rate (MMBtu/hr)

= MMBtu/1000 gal

= Max. Hourly Fuel Usage Rate (1000 gal/hr))

= Maximum Operation (hours/year)

= Maximum Annual Fuel Usage (MMscf)

POLLUTANT	CAS #	Note 1 Emission Factor (lb/1000 gal)	Maximum Emissions	
			(lbs/hr)	(tpy)
PM	n/a	30.36	0.056	0.244
Note 2 PM10/PM2.5	n/a	26.22	0.048	0.211
NOx	n/a	11.00	0.020	0.088
CO	n/a	1.70	0.003	0.014
Lead	n/a	0.285	0.001	0.002
SO2	n/a	26.75	0.049	0.215
VOC	n/a	1.000	0.002	0.008
CO ₂ e	n/a	22000	40.3	176.7
Antimony	7440-36-0	4.50E-03	8.25E-06	3.61E-05
Arsenic	7440-38-2	6.00E-02	1.10E-04	4.82E-04
Beryllium	7440-41-7	1.80E-03	3.30E-06	1.45E-05
Cadmium	7440-43-9	1.20E-02	2.20E-05	9.64E-05
Chromium	7440-47-3	1.80E-01	3.30E-04	1.45E-03
Cobalt	7440-48-4	5.20E-03	9.53E-06	4.18E-05
Manganese	7439-96-5	5.00E-02	9.17E-05	4.02E-04
Mercury	7439-97-6			
Nickel	7440-02-0	1.60E-01	2.93E-04	1.28E-03
Selenium	7782-49-2	BDL		
Phosphorus		ND		
Phenol	108-95-2	2.80E-05	5.13E-08	2.25E-07
Note 3 Dichlorobenzene	95-50-1	ND		
Naphthalene	91-20-3	9.20E-05	1.69E-07	7.39E-07
Note 3 POM/Anthracene	85-01-8	1.00E-04	1.83E-07	8.03E-07
Dibutylphthalate	84-74-2	3.40E-05	6.23E-08	2.73E-07
Note 3 Butylbenzylphthalate	85-68-7	ND		
Note 3 Bis(2-ethylhexyl)phthalate	117-81-7	ND		
Note 3 Pyrene	129-00-0	8.30E-06	1.52E-08	6.66E-08
Note 3 Benz(a)anthracene/chrysene	56-55-3	ND		
Note 3 Benzo(a)pyrene	50-32-8	ND		
Trichloroethylene	79-01-6	ND		
Total POM			1.99E-07	8.70E-07
Total HAPs			8.69E-04	3.80E-03

Note 1: From AP-42 Fifth Edition, Ch. 1.11, SCC 1-05-001-13 Atomizing Space Heaters. Many emission factors < than detectable value, these emission factors are represented as undetectable (ND).

Note 2: Listed as Non-Detect in AP-42. Assumed equal to PM for conservation.

Note 3: Included in HAPs only as Polycyclic Organic Matter (POM)

Maximum Hourly Emission = Max.hourly Fuel Usage rate (standard cubic feet hour) x (Pollutant E.F.)

Maximum Yearly Emission = Max.Hourly Emission Rate (lb/hr) x (Maximum Hours of Operation)

**Emissions Calculations
NSR Permit Application
Cummins Crosspoint, LLC
Fairmont, WV**

Flow Diagram Designation
**Waste Oil Heaters #2
4S**

Process Description:
Waste Oil Heaters #2
Control Device:

Natural Gas Combustion

Inputs

0.275	= Max. Hourly Heat Input Rate (MMBtu/hr)
150	= MMBtu/1000 gal
0.0018	= Max. Hourly Fuel Usage Rate (1000 gal/hr)
8760	= Maximum Operation (hours/year)
16.060	= Maximum Annual Fuel Usage (MMscf)

POLLUTANT	CAS #	Note 1 Emission Factor (lb/1000 gal)	Maximum Emissions	
			(lbs/hr)	(tpy)
PM	n/a	30.36	0.056	0.244
Note 2 PM10/PM2.5	n/a	26.22	0.048	0.211
NOx	n/a	11.00	0.020	0.088
CO	n/a	1.70	0.003	0.014
Lead	n/a	0.285	0.001	0.002
SO2	n/a	26.75	0.049	0.215
VOC	n/a	1.000	0.002	0.008
CO ₂ e	n/a	22000	40.3	176.7
Antimony	7440-36-0	4.50E-03	8.25E-06	3.61E-05
Arsenic	7440-38-2	6.00E-02	1.10E-04	4.82E-04
Beryllium	7440-41-7	1.80E-03	3.30E-06	1.45E-05
Cadmium	7440-43-9	1.20E-02	2.20E-05	9.64E-05
Chromium	7440-47-3	1.80E-01	3.30E-04	1.45E-03
Cobalt	7440-48-4	5.20E-03	9.53E-06	4.18E-05
Manganese	7439-96-5	5.00E-02	9.17E-05	4.02E-04
Mercury	7439-97-6			
Nickel	7440-02-0	1.60E-01	2.93E-04	1.28E-03
Selenium	7782-49-2	BDL		
Phosphorus		ND		
Phenol	108-95-2	2.80E-05	5.13E-08	2.25E-07
Note 3 Dichlorobenzene	95-50-1	ND		
Naphthalene	91-20-3	9.20E-05	1.69E-07	7.39E-07
Note 3 POM/Anthracene	85-01-8	1.00E-04	1.83E-07	8.03E-07
Dibutylphthalate	84-74-2	3.40E-05	6.23E-08	2.73E-07
Note 3 Butylbenzylphthalate	85-68-7	ND		
Bis(2-ethylhexyl)phthalate	117-81-7	ND		
Note 3 Pyrene	129-00-0	8.30E-06	1.52E-08	6.66E-08
Note 3 Benz(a)anthracene/chrysene	56-55-3	ND		
Note 3 Benzo(a)pyrene	50-32-8	ND		
Trichloroethylene	79-01-6	ND		
Total POM			1.99E-07	8.70E-07
Total HAPs			8.69E-04	3.80E-03

Note 1: From AP-42 Fifth Edition, Ch. 1.11, SCC 1-05-001-13 Atomizing Space Heaters. Many emission factors < than detectable value, these emission factors are represented as undetectable (ND).

Note 2: Listed as Non-Detect in AP-42. Assumed equal to PM for conservation.

Note 3: Included in HAPs only as Polycyclic Organic Matter (POM)

Maximum Hourly Emission = Max. hourly Fuel Usage rate (standard cubic feet hour) x (Pollutant E.F.)

Maximum Yearly Emission = Max. Hourly Emission Rate (lb/hr) x (Maximum Hours of Operation)

ATTACHMENT P

Affidavit of Publication

Notice is given that Cummins Crosspoint, LLC has applied to the West Virginia Department of Environmental Protection, Division of Air Quality, for an NSR Construction Permit for an Engine Repair and Rebuild Shop located on 25 Gateway Drive, White Hall in Marion County, West Virginia. The latitude and longitude coordinates are 39.42826348, -80.19282322.

The applicant estimates the potential to emit the following Regulated Air Pollutants will be: 1.05 tpy of PM, 0.98 tpy of PM10/PM2.5, 0.50 tpy of SOx, 1.22 tpy of NOx, 0.60 tpy of VOC, 0.25 tpy of CO, and 0.00852 tpy of Total HAPs.

Written comments will be received by the West Virginia Department of Environmental Protection, Division of Air Quality, 601 57th Street, SE, Charleston, WV 25304, for at least 30 calendar days from the date of publication of this notice.

Any questions regarding this permit application should be directed to the DAQ at (304) 926-0499, extension 1250, during normal business hours. Dated this the 25th day of May, 2016.

By: Cummins Crosspoint, LLC,
John Peaper
HSE Manager
2601 Fortune Circle East Drive
Indianapolis, Indiana 46241

ATTACHMENT R

Authority of LLC

AUTHORITY OF LIMITED LIABILITY COMPANY (LLC)

TO: The West Virginia Department of Environmental Protection, Division of Air Quality
DATE: May 25, 2016
ATTN: Director
LLC's Federal Employer I.D. Number 205012258

The undersigned hereby files with the West Virginia Department of Environmental Protection, Division of Air Quality, a permit application and hereby certifies that the said name is a trade name which we are using in the conduct of an unincorporated business.

Further, we have agreed or certified as follows:

- (1) The undersigned is a member and in that capacity may represent the interests of the LLC and may obligate and legally bind all current or future members and the LLC.
- (2) The LLC is authorized to do business in the State of West Virginia.
- (3) The name and business address of each member:

Member: Mike Sandfort
Address: 2601 Fortune Circle East Suite 300C, Indianapolis, IN 46241

Telephone No.: 317-240-1933

Member: Christine Pfeifler
Address: 2601 Fortune Circle East Suite 300C, Indianapolis, IN 46241

Telephone No.: 317-240-1945

Member: Merritt Becker
Address: 2601 Fortune Circle East Suite 300C, Indianapolis, IN 46241

Telephone No.: 317-484-2120

- (4) If any other persons become members of the undersigned or our relations as such be altered in any way or if the business should become incorporated, the undersigned will notify you promptly.



MEMBER OF LLC (Signature)

Merritt Becker

MEMBER OF LLC (Typed)

Cummins Crosspoint, LLC

Address: 2601 Fortune Circle East Suite 300C
Indianapolis, IN 46241
Telephone No.: 317-243-7979

LIMITED LIABILITY COMPANY'S NAME