

**Environmental
Protection Agency**

John R. Kasich, **Governor**
Mary Taylor, **Lt. Governor**
Scott J. Nally, **Director**

**Re: Bethel Engineering & Equipment Inc.
OHR000139709
Auglaize County
DMWM, NWDO
Complaint 3165
Notice of Violation/Request for Information**

July 17, 2012

Mr. Dale Wittenbrink
Bethel Engineering & Equipment Inc.
13830 McBeth Road
New Hampshire, Ohio 45870

Dear Mr. Wittenbrink:

Please thank John Neumeier for accompanying Brent Goetz and me during the Ohio Environmental Protection Agency's (Ohio EPA's) June 26, 2012, complaint investigation and Compliance Evaluation Inspection (CEI) of Bethel Engineering & Equipment Inc.'s (BEEI's) facility located at 13830 McBeth Road, New Hampshire, Ohio. I inspected BEEI to determine its compliance with Ohio's hazardous waste laws as found in Chapter 3734. of the Ohio Revised Code (ORC) and Chapter 3745. of the Ohio Administrative Code (OAC). I also investigated a complaint that alleged that chemical wastes are burnt at the facility.

Upon arrival at the site, both you and the owner, David Whitaker, were absent. Therefore, we spoke with John Neumeier who works in maintenance. Mr. Neumeier showed us around the facility but could not answer our technical questions. I visited the site again on June 28, 2012, in order to gain more information.

BEEI is a metal fabricator that manufactures items such as safety guarding for machines, powder coat painting systems, and conveyor systems. BEEI generates waste paint related material (D001, D005, D007, D035, F003, F005), spent solvent from parts cleaning (D001, D005, D007, D035, F003, F005), and spent paint booth filters (F003, F005). The waste paint related material and the spent solvent from parts cleaning wastes are accumulated in the same container. BEEI also generates several waste streams that may be hazardous but they have not been properly evaluated at this time. Therefore, BEEI's hazardous waste generator status is unknown at this time and will be determined at a later date. BEEI also generates used oil, spent parts washer fluid, lead-acid batteries (core exchange), and spent lamps.

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Complaint Investigation:

During the June 26, 2012, and June 28, 2012, inspections, I investigated a complaint that alleged BEEI burns chemical waste at the facility. During the inspections I observed cardboard, a Koch Filter Corporation filter, and metal that appeared to be bedsprings inside the burner outside of Building 2. I also observed an empty approximately ½ gallon container of acetone, an empty gallon container of toluene, and an empty gallon paint container on top of a burner inside Building 2. I also observed an empty 5-gallon container of xylol next to the same burner inside Building 2. During the June 28, 2012, inspection, you stated that during December 2011 or January 2012, BEEI employees were using these materials to start the fires inside the burners. However, burning these types of chemicals can damage the resin in the refractory brick and you stopped the employees from continuing this practice.

I did not observe any chemical wastes being burnt at the facility. The material being used as fire starters appeared to be in the original containers. Therefore, I am closing the hazardous waste portion of this complaint. However, if new evidence is found that BEEI burns chemical wastes at this facility, then I will re-open my complaint. At this time, I have referred this complaint to the Division of Air Pollution Control and my solid waste counterparts in the Division of Materials and Waste Management. They will follow-up as deemed necessary.

Compliance Evaluation Inspection:

We found the following violations of Ohio's hazardous waste laws. In order to correct these violations you must do the following and send me the required information **within 14 days of your receipt of this letter.**

1. **Ohio Revised Code (ORC) Section 3734.02(E)&(F), Unpermitted Hazardous Waste Treatment, Storage & Disposal:** "No person shall store, treat, or dispose of hazardous waste identified or listed under this chapter and rules adopted under it, regardless of whether generated on or off the premises where the waste is stored, treated, or disposed of, or transport or cause to be transported any hazardous waste identified or listed under this chapter and rules adopted under it to any other premises, except at or to any of the following: (1) A hazardous waste facility operating under a permit issued in accordance with this chapter; (2) A facility in another state operating under a license or permit issued in accordance with the "Resource Conservation and Recovery Act of 1976"..."

During the June 26, 2012, inspection, Ohio EPA observed BEEI's paint booth and gathered information concerning the wastes generated from this area. A BEEI painter explained that the paint guns are cleaned with Crown Premium Lacquer Thinner. The process of cleaning the paint guns involves spraying the lacquer thinner from the guns onto the paint booth filters. The paint booth guns are not sprayed into the drum of waste paint related material due to the "splash back." When the paint booth filters are changed, the waste filters are placed into a garbage bag, set outside to dry, and then disposed of at the Hancock County Municipal Solid Waste Landfill. Review of the Material Safety Data Sheet (MSDS) for the lacquer thinner shows that the spent solvent waste generated from cleaning the paint guns is a listed hazardous waste (F003, F005) due to the presence of toluene, methanol, and methyl ethyl ketone.

BEEI conducted unpermitted treatment and disposal by evaporating and disposing of the hazardous waste paint gun clean-up solvent into the atmosphere. BEEI must immediately cease unpermitted treatment and disposal of its hazardous waste.

BEEI must immediately begin properly storing, treating, and disposing of their hazardous waste. BEEI must describe how their hazardous waste will be managed in the future. This includes the type of container the waste will be stored in, where the waste will be stored at the facility, how the container will be labeled, where BEEI will send the hazardous waste to be disposed, and how often the hazardous waste will be picked up. This information must be sent to Ohio EPA **within 14 days of receipt of this letter**. For more information I have enclosed the Hazardous Waste Generator's Handbook, dated October 2009.

Since BEEI has violated ORC Section 3734.02(E) & (F) by becoming an unpermitted treatment, storage, and disposal facility (TSDF), it is subject to Ohio Administrative Code (OAC) Rules 3745-55-10 through 3745-55-48 and 3745-55-97. Therefore, BEEI may be required to submit a closure plan. A closure plan describes the steps necessary to investigate the extent of contamination and to clean up all contamination found due to the unpermitted activities at the site.

BEEI is also subject to all applicable general facility standards, found in OAC Chapters 3745-54 and 55, until such time as BEEI has demonstrated that it has ceased operations as a TSDF. Additionally, at any time, Ohio EPA may assert its right to have BEEI begin facility-wide cleanup, pursuant to the Corrective Action process under Ohio law.

I have enclosed the fact sheet titled A Guide to the Administrative Enforcement Process within the Division of Hazardous Waste Management to help answer any questions you may have regarding this violation and further enforcement actions.

2. **ORC Section 3734.02 (F), Unlawful transportation of a hazardous waste:** "No person shall store, treat, or dispose of hazardous waste identified or listed under this chapter and rules adopted under it, regardless of whether generated on or off the premises where the waste is stored, treated, or disposed of, or transport or cause to be transported any hazardous waste identified or listed under this chapter and rules adopted under it to any other premises, except at or to any of the following: (1) A hazardous waste facility operating under a permit issued in accordance with this chapter; (2) A facility in another state operating under a license or permit issued in accordance with the "Resource Conservation and Recovery Act of 1976" 90 Stat. 2806, 42 U.S.C.A. 6921, as amended ..."

BEEI caused a hazardous waste to be unlawfully transported to an unauthorized facility for disposal.

During the June 26, 2012, inspection, BEEI stated that the paint booth guns are cleaned by spraying lacquer thinner through the guns onto the paint booth filters. The waste paint booth filters are then disposed of as solid waste at the Hancock County Municipal Solid Waste Landfill. Review of the MSDS for the lacquer thinner shows that the spent solvent waste generated from cleaning the paint guns is a listed hazardous waste (F003, F005). Once the spent solvent is sprayed onto the paint booth filters, the waste paint booth filters are also considered listed hazardous waste (F003, F005) and must be managed and disposed of as such. A BEEI employee explained that there are 66 waste paint booth filters that are generated every month and each filter is 20 inches square. BEEI must cease disposing of the spent solvent in this manner and must begin collecting it in a container when cleaning the spray guns and other equipment.

BEEI must immediately begin properly storing, treating, and disposing of their hazardous waste. BEEI must describe how their hazardous waste will be managed in the future. This includes the type of container the waste will be stored in, where the waste will be stored at the facility, how the container will be labeled, where BEEI will send the hazardous waste to be disposed, and how often the hazardous waste will be picked up. This information must be sent to Ohio EPA **within 14 days of receipt of this letter.**

Since BEEI has violated ORC Section 3734.02 (F) by becoming an unpermitted treatment, storage, and disposal facility (TSDF), it is subject to Ohio Administrative Code (OAC) Rules 3745-55-10 through 3745-55-48 and 3745-55-97. Therefore, BEEI may be required to submit a closure plan. A closure plan describes the steps necessary to investigate the extent of contamination and to clean up all contamination found due to the unpermitted activities at the site.

BEEI is also subject to all applicable general facility standards, found in OAC Chapters 3745-54 and 55, until such time as BEEI has demonstrated that it has ceased operations as a TSDF. Additionally, at any time, Ohio EPA may assert its right to have BEEI begin facility-wide cleanup, pursuant to the Corrective Action process under Ohio law.

3. Ohio Administrative Code (OAC) Rule 3745-52-11, Hazardous Waste

Determination: "Any person who generates a waste, as defined in rule 3745-51-02 of the Administrative Code, must determine if that waste is a hazardous waste..."

BEEI failed to adequately evaluate the waste streams listed below to determine if they were a hazardous waste in accordance with OAC Rule 3745-52-11.

- a. Unknown containers of material- Please refer to Attachment A and the two photos for a full list of containers included in this listing
- b. Waste paint booth filters
- c. Spent parts washer fluid
- d. Spent lamps

In order to abate portion a. of this violation, BEEI must submit information that describes the following for each item listed in Attachment A: What the material is inside of the container (if unknown, state that it is an unknown material and that it needs to be sampled), whether the material is product or waste, how long the material has been on site (if unknown, state that it has been on site for an unknown amount of time if that is the case), and what BEEI plans on doing with the material. If the material is a waste, BEEI must also describe if the waste is hazardous or non-hazardous waste and submit waste evaluation documentation for each waste stream.

In order to abate portion b. and c. of this violation, BEEI must determine whether these wastes exhibit any hazardous waste characteristics. At this time, the paint booth filters are currently a listed hazardous waste due to the spraying of cleaning solvent into the filters.

Once BEEI ceases this practice, BEEI must obtain a chemical analysis of a representative sample of the waste paint booth filters to determine if they exhibit hazardous characteristics. BEEI will also need to obtain a chemical analysis of a representative sample of the spent parts washer fluid. BEEI will need to contract the services of a commercial environmental laboratory to analyze these materials. BEEI must determine the concentrations of toxicity characteristic leaching procedure (TCLP) volatile organic compounds (VOCs) and TCLP Resource Conservation and Recovery Act (RCRA) metals of the waste paint booth filters. BEEI must determine the concentrations of TCLP RCRA metals and flashpoint of the spent parts washer fluid. BEEI must submit the analytical results indicating the proper evaluation of the wastes for Ohio EPA's review. The results must document if the waste is hazardous or not and, if hazardous and BEEI will generate more than 100 kilograms of hazardous waste per month, whether it is restricted from land disposal. If the waste is hazardous BEEI must also submit information as to what treatment, storage, or disposal facility the waste will be sent to. Please note that during the inspection, BEEI told Ohio EPA that the spent parts washer fluid is only generated once a year or once every two years. If the parts washer fluid is not considered a waste at this time, then in order to abate this violation, please state that this waste stream will be sampled and analyzed for TCLP RCRA metals and flashpoint the next time it will be generated.

BEEI failed to have waste evaluation documentation or an established recycling plan in place for spent lamps generated at the facility. Spent lamps can contain mercury and other heavy metals which could make them a hazardous waste. Hazardous waste lamps are considered "spent materials" and remain hazardous waste even when recycled. Hazardous waste lamp generators have the option of handling their lamps as hazardous waste or as universal waste. Managing hazardous waste lamps under the universal waste rules eases certain regulations imposed on generators of spent lamps.

In order to abate portion d. of this violation, BEEI must choose one of the following options and submit to Ohio EPA the requested information as documentation to demonstrate how you plan to properly manage your spent lamps: 1) If BEEI decides to manage the lamps as a waste, then BEEI will need to sample each type and brand of lamp at the facility using a TCLP test for RCRA metals. BEEI must then submit all analytical results to Ohio EPA along with a summary describing whether the spent lamps are a hazardous waste or non-hazardous waste and how the spent lamps will be managed. 2) The other alternative is that BEEI can begin to manage all spent lamps as universal waste. If BEEI chooses this option, then BEEI must submit a summary that outlines how the spent lamps will be managed as universal waste and where they will be recycled.

BEEI must submit photographic documentation that the containers used to store the spent lamps are all closed and have the proper labels and accumulation start dates located on them. Since the lamps have been on site for close to a year, BEEI must recycle the lamps as soon as possible. BEEI must submit receipts showing the lamps have been sent off-site for recycling. Ohio EPA recommends that spent lamps be managed as a universal waste and recycled.

It should also be noted that even though green tipped lamps or "environmentally friendly" lamps are sometimes guaranteed by the manufacturers to pass a TCLP test, more information is needed to dispose of these lamps as solid waste. Most manufacturers base this guarantee on the amount of mercury contained in the lamp. Without analytical results showing a representative sample of these lamps passing the TCLP test for ALL RCRA metals (mercury, cadmium, lead, etc.), these lamps cannot be disposed of as solid waste. Spent lamps can contain other RCRA metals such as cadmium and lead which could be above the hazardous waste limits.

Once Ohio EPA acknowledges BEEI's proper characterization of the wastes, BEEI must dispose of the wastes at a proper disposal facility. BEEI must then submit the appropriate manifest documents or shipping papers indicating proper disposal of the wastes to Ohio EPA.

Please notify me at least five days prior to sampling so that I may be present.

For more information I have enclosed the fact sheets titled Ohio Commercial Facilities Accepting Hazardous Waste, printed July 11, 2012, Commercial Environmental Laboratories, printed July 11, 2012, Violations Most Frequently Cited by Division of Hazardous Waste Management Inspectors, printed July 11, 2012, Use of Generator Knowledge In Complying with OAC rule. 3745-52-11 Hazardous Waste Evaluation, dated July 18, 2005, Identifying Your Hazardous Waste, dated April 2010, Painting and Coatings Pollution Prevention, dated January 2007, Handling Paint Waste from Your Business, dated April 2010, Universal Waste Rules for Handlers of Lamps, dated June 2005, Fluorescent Lamps: What You Should Know, dated January 2007, Universal Waste, dated August 2011, and Computer, Fluorescent Lamp and Ballast Recyclers, dated June 2012.

- 4. OAC Rule 3745-279-22 (C)(1), Used oil storage requirements for generators:**
"Containers and aboveground tanks used to store used oil at generator facilities must be labeled or marked clearly with the words 'Used Oil'".

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BEEI failed to mark three 55-gallon drums, three 5-gallon buckets, and one adjustable oil drain in Building 4 with the words "Used Oil".

In order to abate this violation, BEEI must label all used oil containers with the words "Used Oil". BEEI must submit photographs showing that all containers described above have been properly labeled.

5. OAC Rule 3745-279-24, Off-site shipments of used oil by generators:

"...generators must ensure that their used oil is transported only by transporters who have obtained U.S. EPA identification numbers."

BEEI failed to ensure their used oil was transported by a facility that has obtained a U.S. EPA identification number. Instead, BEEI allowed the used oil to be taken by an individual and burned in a space heater to heat their personal shop.

In order to abate this violation, BEEI must describe who will pick up their used oil in the future, submit documentation that the facility has obtained a U.S. EPA identification number, and describe how the used oil will be recycled at the destination facility. If BEEI decides to self-transport used oil to a collection center, then BEEI must describe how they will conduct this practice and which used oil collection center they plan to utilize.

For more information I have enclosed the fact sheets titled The Regulation of Used Oil: An Overview for Ohio Businesses Who Generate Used Oil, dated April 2006, Used Oil Recyclers, printed July 11, 2012, and Registered Used Oil Collection Centers, dated February 29, 2012.

Request for Information:

In order to determine compliance with Ohio's hazardous waste rules and regulations, Ohio EPA is requesting the following information be submitted **within 14 days of receipt of this letter**.

1. **Manifests:** During the June 26, 2012, inspection, Ohio EPA reviewed hazardous waste manifests. Two manifests did not include signed copies from the destination facility signifying that the hazardous waste had been received. Please submit signed copies of manifest 003549078JJK dated 10-23-2008 and 001968757JJK dated 03-28-2007.

2. **Paperwork:** Please submit the following paperwork:

- a. Recycling receipts or other documents from the last lead-acid battery core exchange
- b. Invoices, receipts, or other documents from the last three years that shows the amount of lacquer thinner purchased by BEEI
- c. Analytical results from the sampling and analysis of the cartridge filters from the dust collection system on the sandblasting unit
- d. Waste evaluation documentation for any ash that is generated from the burners/boilers/incinerators

3. **Questions/Descriptions:** Please submit the following information:

- a. A BEEI employee briefly described letting paint solidify prior to disposing of it in the dumpster. Please describe this practice in more detail including which paints are left to solidify, how much paint solidifies in the container, and how much of this waste is generated per month.
- b. Please describe the size of the cartridge filters from the dust collection system on the sandblasting unit.

Ohio EPA will determine BEEI's compliance status with Ohio's hazardous waste rules and regulations and notify BEEI of the findings in future correspondence. Additional violations may be cited at a later date.

BEEI needs to immediately take the necessary measures to return to compliance with Ohio's environmental laws. Within 14 days of receipt of this letter, BEEI is requested to provide documentation to this office including the steps taken to abate the violations cited above. Documentation of steps taken to return to compliance includes written correspondence, updated policies, and photographs, as appropriate, and may be submitted via the postal service or electronically to kara.reynolds@epa.state.oh.us.

Please be advised that violations cited above will continue until the violations have been properly abated. Failure to comply with Chapter 3734. of the Ohio Revised Code and rules promulgated thereunder may result in a civil penalty of up to \$10,000 per day for each violation. It is imperative that you return to compliance. If circumstances delay the abatement of violations, BEEI is requested to submit written correspondence of the steps that will be taken by date certain to attain compliance.

As we discussed during the inspection, you may be able to reduce the waste your company generates. If you find ways to recycle, reduce, or altogether eliminate the amount of waste that your company generates you may be able to reduce treatment and disposal costs as well as regulatory requirements.

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Ohio EPA has helpful information about pollution prevention at the following web address: <http://www.epa.ohio.gov/Default.aspx?alias=www.epa.ohio.gov/ocapp>. The Ohio Department of Development's Office of Energy Efficiency may also be able to help with energy efficiency issues. Their website is at <http://www.development.ohio.gov/Energy/Default.htm>.

The Division of Materials and Waste Management has created an electronic news service to provide you with quick and timely updates on events and news related to hazardous waste activities in Ohio. If you haven't already, we encourage you to sign up for this free service. You can find more information at the following web link: <http://ohioepa.custhelp.com/cj/documents/detail/2/subscriptionpage>. Please feel free to share this with your colleagues.

Enclosed you will find a copy of the checklists that were completed during the inspection. Should you have any questions, please feel free to call me at (419) 373-3065. You can find copies of the rules and other information on the division's web page at <http://www.epa.ohio.gov/Default.aspx?alias=www.epa.ohio.gov/dhwm>.

Please send all correspondence **within 14 days of receipt of this letter**, to Ohio EPA, Northwest District Office, Attn: Kara Reynolds, 347 North Dunbridge Road, Bowling Green, Ohio 43402.

Sincerely,



Kara Reynolds
Environmental Specialist
Division of Materials and Waste Management

/llr

Enclosures

pc: (Colleen Weaver, DMWM, NWDO)
Kara Reynolds, DMWM, NWDO
Cindy Lohrbach, DMWM, NWDO

ec: Colleen Weaver, DMWM, NWDO (with checklists)

NOTICE:
Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.

Attachment A

List of Unknown Containers

Inside Building 1

1. 55-gallon black poly drum full of material, label reads "CHEMFOS 700RW" (photo 003 taken 06-26-2012)
2. 55-gallon black poly drum full of material, no label but yellow and blue staining on top of drum and down side (photo 003 & 004 taken 06-26-2012)
3. 55-gallon black poly drum full of material, label reads "Paint Waste" (photo 006 taken 06-26-2012)
4. 55-gallon black poly drum full of material, label reads "CHEMSEAL 59" but has been crossed out (photo 005 taken 06-26-2012)
5. 55-gallon black metal drum full of material, label reads "RINSE CONDITIONER GL" but has been crossed out (photo 007 taken 06-28-2012)
6. Approximately 350 gallon white poly tote, approximately 75% full of material, with black staining down the side, no label (photo 007 taken 06-26-2012)
7. Approximately 350 gallon white poly tote, approximately 90% full of material, label reads "Permeate Waste" (photo 008 taken 06-26-2012)
8. Approximately 350 gallon white poly tote, approximately 100% full of material, no label (photo 008 taken 06-26-2012)
9. Approximately 100 gallon white poly rectangular container, approximately 6 inches of material in bottom, no label (photo 010 taken 06-26-2012)

Inside Building 2

10. 55-gallon black metal drum, labeled "Flammable Liquid" and "Dayton Industrial Drum Inc." (photo 008 taken 06-28-2012)
11. 5-gallon gray plastic bucket, approximately 50% full of liquid, no label by garage door (photo 026 taken 06-26-2012)

Outside Building 2

12. Large red metal hopper 100% full of material, no label (photo 014 taken 06-26-2012)
13. 55-gallon gray metal drum, approximately 75% full of material (photo 015 taken 06-26-2012)
14. Approximately 40-gallon green metal drum, 100% full of material (photo 016 taken 06-26-2012)
15. Six 55-gallon black metal drums, all full of material, one labeled "LATEX S/G DRY FOG" (photo 018 taken on 06-26-2012)

16. A pallet containing 21, 5-gallon gray plastic buckets, all are full of material except for one, none of the containers have labels. The one container that is not full is approximately 75% full of a white powder material. Five of the full containers appear to have a black liquid in them. (photo 022 taken 06-26-2012)

Between Building 2 & 3

17. Two, 55-gallon black metal drums, both full of material, label reads "POWERCRON BLACK PASTE INDUSTRIAL COOLINGS" (photo 010 taken 06-28-2012)

Inside Building 4

18. Five, 5-gallon buckets of varying color, material, and fullness, all have some amount of material in them (photo 030 taken 06-26-2012)

19. A pallet containing seven, 1-gallon metal containers, and 15 aerosol cans of material (photo 031 taken 06-26-2012)

Send to Central Office <input checked="" type="checkbox"/>	Ohio Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION/VERIFICATION FORM	For Ohio EPA use only
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Completed verification forms required to be submitted to CO should be e-mailed to brad.hauser@epa.state.oh.us.

Site EPA ID No.	EPA ID Number: OHR000139709															
Site Name	Name: Bethel Engineering & Equipment Inc.					Website: (Optional)										
Site Location Information	Street Address: 13830 McBeth Road															
	City, Town, or Village: New Hampshire					State: OH										
	County Name: Auglaize															
	Private <input type="checkbox"/>		County <input type="checkbox"/>		District <input type="checkbox"/>		Federal <input type="checkbox"/>		Indian <input type="checkbox"/>		Municipal <input type="checkbox"/>		State <input type="checkbox"/>		Other <input type="checkbox"/>	
Site Land Type (check only one)																
NAICS code(s) www.census.gov/epcd/www/naics.html																

Facility Representative	First Name: Dale		MI:	Last Name: Wittenbrink	
Additional names can be recorded in number 12	Title: Project Engineer				
	Phone Number: 419-568-1100 or 419-236-4882			Phone Number Extension:	
	E-Mail Address: dwittenbrink@bethelengr.com				
Only provide address information if it is different than the site address	Fax Number: 419-568-1807			Fax Number Extension:	
	Street or P.O. Box:				
	City, Town or Village:				
	State:			Zip Code:	

Legal Owner And Operator of the Site. List Additional Owners and/or Operators in the Comment Section or on another copy of this form page	Name of Site's Legal Owner: David Whitaker					Date Became Owner (mm/dd/yyyy): 1994										
	Owner Type: Private <input type="checkbox"/>		County <input type="checkbox"/>		District <input type="checkbox"/>		Federal <input type="checkbox"/>		Indian <input type="checkbox"/>		Municipal <input type="checkbox"/>		State <input type="checkbox"/>		Other <input type="checkbox"/>	
	Street or P.O. Box: 13830 McBeth Road					Owner Phone #: 419-234-2617										
	City, Town or Village: New Hampshire					Country: USA					Zip Code: 45870					
	State: Ohio															
	Name of Site's Operator: Bethel Engineering & Equipment Inc.					Date Became Operator (mm/dd/yyyy): 1994										
	Operator Type: Private <input type="checkbox"/>		County <input type="checkbox"/>		District <input type="checkbox"/>		Federal <input type="checkbox"/>		Indian <input type="checkbox"/>		Municipal <input type="checkbox"/>		State <input type="checkbox"/>		Other <input type="checkbox"/>	
	Street or P.O. Box: 13830 McBeth Road					Operator Phone #: 419-568-1100										
	City, Town or Village: New Hampshire					Country: USA					Zip Code: 45870					
	State: Ohio															

VIOLATIONS CITED?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
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TYPE OF HANDLER - MARK "X" AS APPROPRIATE

<input type="checkbox"/> Not a HW Generator	<input checked="" type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11 <input type="checkbox"/> Short-Term/Temporary Generator (generates from a short-term or one-time event and not from on-going processes). Check the box for the applicable generator status and provide a comment.	<input type="checkbox"/> Large Quantity Generator (LQG) <input type="checkbox"/> Small Quantity Generator (SQG) <input checked="" type="checkbox"/> Conditionally Exempt Small Quantity Generator <input type="checkbox"/> U.S. Importer of Hazardous Waste <input type="checkbox"/> Mixed Waste (Hazardous and Radioactive) Generator
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TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)

- | | |
|---|--|
| <input type="checkbox"/> Hazardous Waste Transporter | <input type="checkbox"/> Exempt Boiler and/or Industrial Furnace |
| <input type="checkbox"/> Hazardous Waste Transfer Facility | <input type="checkbox"/> Small Quantity On-Site Burner Exemption |
| <input type="checkbox"/> Treater, Storer or Disposer of Hazardous Waste | <input type="checkbox"/> Smelting, Melting, Refining Furnace Exemption |
| <input type="checkbox"/> Recycler of Hazardous Waste | <input type="checkbox"/> Underground Injection Control Facility |
| <input type="checkbox"/> 72-Hour Recycler | <input type="checkbox"/> Receives Hazardous Waste from Off-site |

UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED)

(CHECK ALL BOXES THAT APPLY)

- | | |
|---|---|
| <input type="checkbox"/> Small Quantity Handler of Universal Waste | <input type="checkbox"/> Destination Facility for Universal Waste |
| <input type="checkbox"/> Large Quantity Handler of Universal Waste
(accumulates 5,000 kg. or more) | |

CHECK ALL BOXES BELOW THAT APPLY FOR THE TYPES OF UNIVERSAL WASTE THE FACILITY MANAGES

- Batteries
- Pesticides
- Mercury containing equipment
- Lamps

USED OIL ACTIVITIES (INDICATE TYPE(S) OF ACTIVITY(S))

- Used Oil Generator
- Used Oil Transporter
- Used Oil Transfer Facility
- Used Oil Processor
- Used Oil Re-refiner
- Off-Specification Used Oil Burner
- Used Oil Fuel Marketer who directs shipment of Off-Spec Used Oil
- Used Oil Fuel Marketer who first claims the Used Oil meets the specifications

Eligible Academic Entities with Laboratories: Facility has previously notified that they are opting into managing laboratory hazardous waste pursuant to OAC rules 3745-52-200 through 3745-52-216. Check the box(es) below to indicate the laboratory type.

- College or University
- Teaching hospital that is owned by or has a formal written affiliation agreement with a college or university
- Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

Waste Codes for Federally Regulated Hazardous Wastes. Please list the codes for the federally regulated hazardous waste handled at the site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page or list them in the comments if more space is needed. If the waste codes are the same as listed in the most recent RCRAInfo source record, you do not need to list them. Instead just indicate the date of the most recent source record.

D001 D005 D007 D035 F003 F005

COMMENTS: USE THIS AREA TO DESCRIBE WHETHER THE INSPECTION WAS ANNOUNCED, WHETHER THE WASTE IS STORED IN TANKS OR CONTAINERS, ETC.

Announced	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Additional Facility Representatives:	John Neumeier
Tanks	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Containers	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		

Name of Inspector(s)
Kara Reynolds

Name of Inspector(s)
Brent Goetz

Date of Inspection/Time
(mm/dd/yyyy) (hh:mm)
06-26-2012 10:45 AM

Comments:

Waste evaluations needed, facility's true generator status will be determined at a later date.

PROCESS, WASTE, P2 SUMMARY SHEET

Facility Name: Bethel Engineering & Equipment Inc. Facility Type: At least CESQG Date of Inspection: 06-26-2012 EPA ID#: OHR0001393165

Waste Generated			On-or-Off-Site Management		P2 Activities	
Process/Activity Generating Waste (e.g. plating bath, machining, bag house, painting, general maintenance, etc.)	Waste Description (e.g. sludge, solvent, ash, used oil, spent lamps, etc.) and EPA Waste Code, if applic.	QTY Generated per Month, Type of Accumulation (container, tank, etc.) and location of waste accumulation area	Type of On-Site Treatment (recycle, wwt, etc.)	Name, state, and type of activity occurring at the off-site facility	Current P2 Activities	P2 Opportunities
1 Painting/Paint Booth	Waste Paint Related Material D001, D005, D007, D035, F003, F005	~55 gallons per year 55 gallon drum Building 5		Petro Chem Processing Group, Michigan, H061		
2 Painting/Paint Booth	Paint Booth Filters F003, F005	66 filters every month (filters each 20" by 20") Building 5		Hancock County Municipal Solid Waste Landfill		
3 Painting/Paint Booth	Waste paint that has hardened	Unknown Various containers Building 5		Hancock County Municipal Solid Waste Landfill		
4 Facility Maintenance	Spent Lamps	~100 on site during inspection Not contained Building 1				
5 Maintenance of Machines and Vehicles	Used Oil	Unknown 55 gallon drum Building 4		Given to a person to be burnt in a space heater to heat a shop		

6	Facility Maintenance	Lead acid batteries	Minimal		Core exchange with different facilities such as Battery Warehouse in Lima	Recycle	
7	Sandblasting	Non-Hazardous spent shot dust				Recycled by Omni Source	
8	Sandblasting	Cartridge filters from dust collection system	12 filters changed every 9 months				
9	Biolers/incinerators	Ash					
10	Steel fabrication	Scrap metal	Unknown Roll-off box Outside Building 3			Recycle as scrap metal	
11	Facility Maintenance	Parts Washer	~5 gallons every year Building 4		Mixed with used oil		
12	Cleaning of parts prior to painting	Spent solvent D001, D005, D007, D035, F003, F005	Minimal Same as paint solvent so placed in same 55-gallon drum Building 5		Petro Chem Processing Group, Michigan, H061		
13							

14							
15							
16							
20							

REMARKS/GENERAL INFORMATION

General Process Information: See Letter

Regulatory/Enforcement History (if applicable): N/A

Additional P2 remarks and information: N/A

Would this facility be interested in a P2 assessment? **NO** If yes, refer promptly to your district P2 coordinator.

Office of Compliance Assistance and Pollution Prevention-1-800-329-7518 or p2mail@epa.state.oh.us or www.epa.state.oh.us/ocapp/ocapp.html

Other: N/A

**CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS
COMPLETE AND ATTACH A PROCESS, WASTE, P2 SUMMARY SHEET**

CESQG: ≤100Kg. (Approximately 25-30 gallons) of waste in a calendar month or < 1 Kg. of acutely hazardous waste.
 SQG: Between 100 and 1,000 Kg. (About 25 to under 300 gallons) of waste in a calendar month.
 LQG: ≥ 1,000 Kg. (~300 gallons) of waste in a calendar month or ≥1 Kg. of acutely hazardous waste in a calendar month.
 NOTE: To convert from gallons to pounds: Amount in gallons x Specific Gravity x 8.345 = Amounts in pounds.

Safety Equipment Used:

WASTE EVALUATION

1.	Have all wastes generated at the facility been adequately evaluated? [3745-52-11]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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GENERATOR CLASSIFICATION

2.	Does the generator produce <100 kg. of hazardous waste per month? [conditionally exempt small quantity generator ("CESQG")]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: If quantities of hazardous waste accumulated on-site at any one time exceed 1,000 Kg. - or the generator produces between 100 and 1,000 Kg. of hazardous waste per month, it is operating as a Small Quantity Generator ("SQG"). If so, complete the Small Quantity Generator Requirements checklist.

OFF-SITE SHIPMENT OF HAZARDOUS WASTE

3.	Does the CESQG ensure delivery of hazardous waste(s) to an off-site permitted TSD? [3734.02(F)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
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TREATMENT OF HAZARDOUS WASTE

4.	Does the generator treat hazardous waste in a:	
	a. Container that meets 3745-66-70 to 3745-66-77?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	b. Tank that meets 3745-66-90 to 3745-66-101 except 3745-66-97(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	c. Drip pads that meet 3745-69-40 to 3745-69-45?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d. Containment building that meets 3745-256-100 to 3745-256-102?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Complete appropriate checklist for each unit.

NOTE: If the CESQG conducts treatment they are subject to the LQG requirements.

NOTE: If waste is treated to meet LDRs, use LDR checklist.

MIX HAZARDOUS WASTE WITH USED OIL

5.	Does the CESQG mix its hazardous waste with used oil for the purpose of burning for energy recovery? [3745-51-05(J)] If so:	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Does the CESQG manage the mixture in accordance with 3745-279-21? More information requested	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

**USED OIL INSPECTION CHECKLIST
GENERATORS, COLLECTION CENTERS AND AGGREGATION POINTS**

NOTE: 1. A facility is subject to the federal SPCC regulations (40 CFR 112) if it is non-transportation related (e.g., fixed) and has an aggregate above ground storage capacity greater than 1,320 gallons or a total underground storage capacity greater than 42,000 gallons of oil (including used oil), and there is reasonable expectation of a discharge to navigable waters.

2. Inspectors can check BUSTR's web-site at https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/PublicInquiry.asp to determine if a UST containing used oil is registered with BUSTR. Inspectors may call BUSTR at 614-752-7938 or a BUSTR site coordinator to report an unregistered UST or a UST that appears to not be in compliance with BUSTR regulations. A list of BUSTR coordinators by county are at:

https://www.comapps.ohio.gov/sfm/fire_apps/bust/bustr/SearchByCounty.asp.

PROHIBITIONS

1.	Does the generator manage used oil in a surface impoundment or waste pile? If yes:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the surface impoundment or waste pile regulated as a hazardous waste management unit? [3745-279-12(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: For example, used oil contaminated scrap metal stored in a pile.

2.	Is used oil used as a dust suppressant? [3745-279-12(B)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
3.	Is off-specification used oil fuel burned for energy recovery in devices specified in 3745-279-12(C)?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

NOTE: Multiple used oil checklists may be applicable if used oil handler is performing multiple tasks (e.g., if generating used oil and shipping directly to a burner, complete generator and marketer checklists at a minimum).

GENERATOR STANDARDS

4.	Does the generator mix hazardous waste with used oil? If so, More information requested	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Is the mixture managed as specified in 3745-279-10(B)? [3745-279-21(A)]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

NOTE: Used Oil mixed with listed (3745-51-30 to 3745-51-35) or characteristic (3745-51-20 to 3745-51-24) hazardous waste are subject to regulation as a hazardous waste, unless the listed hazardous waste is listed solely because it exhibits a hazardous characteristic, and the resultant mixtures do not exhibit a characteristic. Mixtures of used oil and CESQG hazardous waste are subject to OAC Chapter 3745-279.

5.	Does the generator of a used oil containing greater than 1,000 ppm total halogens manage the used oil as a hazardous waste unless the presumption is rebutted successfully? [3745-279-21(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
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NOTE: If used oil contains greater than 1000 ppm total halogens, it is presumed to be listed hazardous waste until the presumption is successfully rebutted.

6.	Does the generator store used oil in tanks; or containers; or a unit(s) subject to regulation as a hazardous waste management unit? [3745-279-22(A)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7.	Are containers and aboveground tanks used to store used oil in good condition with no visible leaks? [3745-279-22(B)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
8.	Are containers, above ground tanks, and fill pipes used for underground tanks clearly labeled or marked "Used Oil?" [3745-279-22(C)]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
9.	Has the generator, upon detection of a release of used oil, done the following: [3745-279-22(D)]	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
a.	Stopped the release?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
b.	Contained the release?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
c.	Cleaned up and properly managed the used oil and other materials?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

ON-SITE BURNING IN SPACE HEATER		
10.	Does the generator burn used oil in used-oil fired space heaters? [3745-279-23] If so:	
a.	Does the heater burn only used oil that owner/operator generates or used oil received from household do-it-yourself (DIY) used oil generators?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Is the heater designed to have a maximum capacity of not more than 0.5 million BTU per hour?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
c.	Are the combustion gases from heater vented to the ambient air?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Ash accumulated in a space heater must be managed in accordance with 3745-279-10(E).</i>		
GENERATOR TRANSPORTATION		
11.	Does the generator have the used oil hauled only by transporters that have obtained a U.S. EPA ID#? [3745-279-24]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transported used oil to an approved collection site or to an aggregation point owned by the generator: [3745-279-24]	
a.	Does the generator transport used oil in a vehicle owned by the generator or an employee of the generator? [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Does the generator transport more than 55 gallons of used oil at any time? [3745-279-24]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Used oil generators may arrange for used oil to be transported by a transporter without a U.S. EPA ID # if the used oil is reclaimed under a contractual agreement (i.e., tolling arrangement).</i>		
COLLECTION CENTERS AND AGGREGATION POINTS		
13.	Is the DIY used oil collection center in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-30]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
14.	Is the non-DIY used oil collection center registered with Ohio EPA? [3745-279-31]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
15.	Is the used oil aggregation point in compliance with the generator standards in 3745-279-20 to 3745-279-24? [3745-279-32]	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<i>NOTE: Complete Used Oil Generator and any other applicable used oil handler checklist (e.g., marketer, burner, etc.) for used oil collection centers and aggregation points.</i>		

Photograph Log

Location of Facility: Bethel Engineering & Equipment Inc. (BEEI), 13830 McBeth Road, New Hampshire, OH 45870, Auglaize County

Date Photographs Taken: All photographs taken on June 26, 2012

Photographer: All photographs taken by Kara Reynolds

Camera Make, Model, Serial Number, Type of Film: Kodak Easy Share, M863, KCGHK83321127, Digital Camera

Photograph List:

- 001-Disreguard, photo not taken at BEEI
- 002-Inside Building 1, spent lamp storage
- 003-Inside Building 1, pallet with 2 black 55-gallon drums
- 004-Inside Building 1, top of one of the drums in photo 003
- 005-Inside Building 1, pallet with 3 black 55-gallon drums located next to the pallet in photo 003
- 006-Inside Building 1, pallet with 3 black 55-gallon drums located next to the pallet in photo 003, one drum is labeled "Paint Waste"
- 007-Inside Building 1, tote of material next to pallet in photo 003
- 008 & 009-Inside Building 1, 3 totes of material next to pallet in photo 003, one tote labeled "Permeate Waste"
- 010-Inside Building 1, container of material
- 011 & 012-Inside Building 2, empty containers of acetone, toluene on top of boiler
- 013-Inside Building 2, empty container of xylol next to boilers in photo 012
- 014-Outside of Building 2, large bucket/hopper of material
- 015-Outside of Building 2, open drum of material
- 016-Outside of Building 2, open drum of material
- 017-Outside of Building 2, looking into the drum in photo 015
- 018-Outside of Building 2, two pallets, each with three 55-gallon drums of material
- 019-Outside of Building 2, the label on one of the drums in photo 018
- 020 & 021-Outside of Building 2, the tops of the drums in photo 018
- 022-Outside of Building 2, 21 5-gallon buckets of material
- 023 through 025-Outside of Building 2, ash on the ground
- 026-Inside Building 2, 5-gallon bucket of material
- 027 through 029-material inside the burner located outside of Building 2
- 030-Inside Building 4, 6, 5-gallon buckets of material
- 031-pallet of material that may be waste



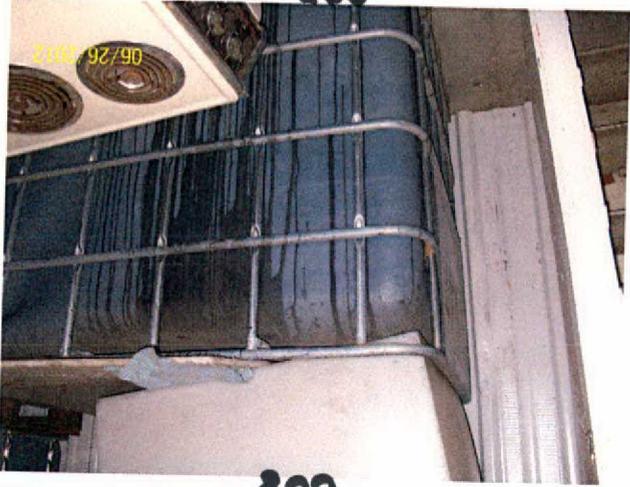
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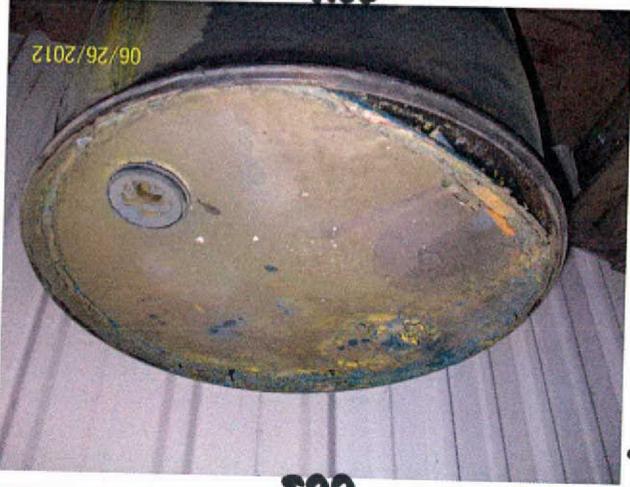
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004



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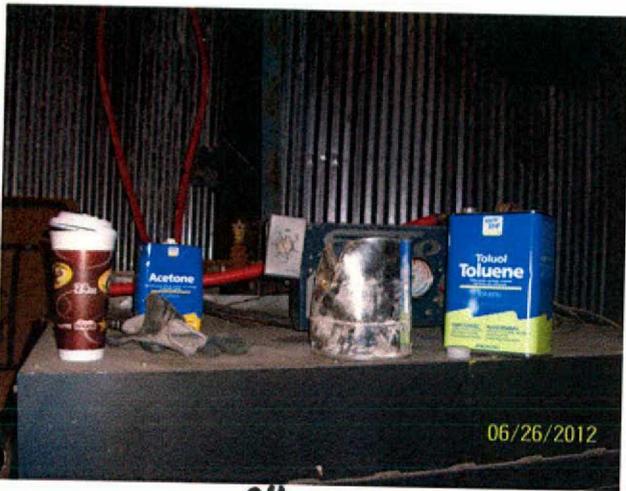
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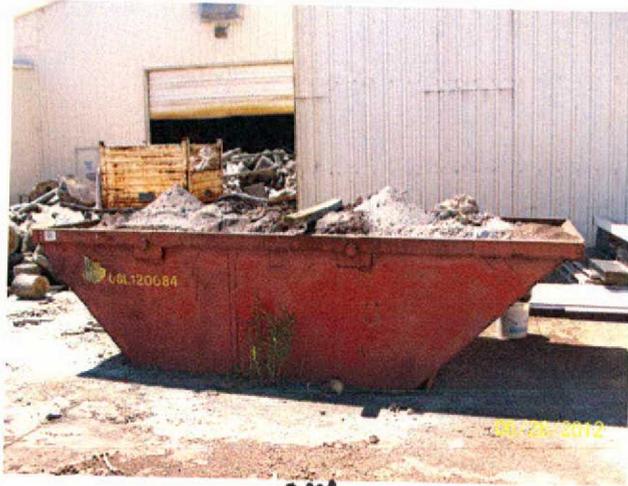
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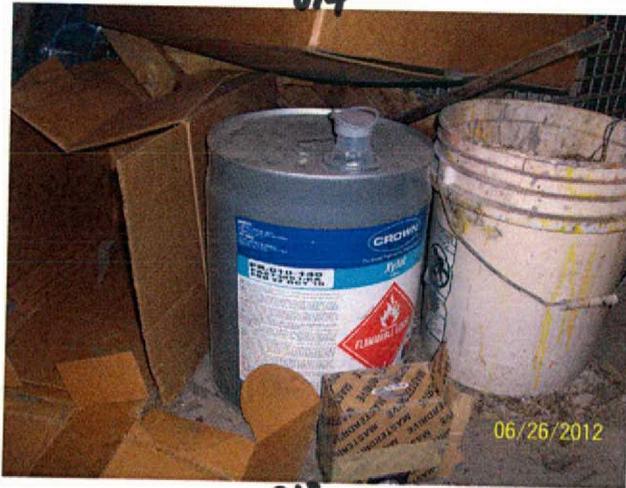
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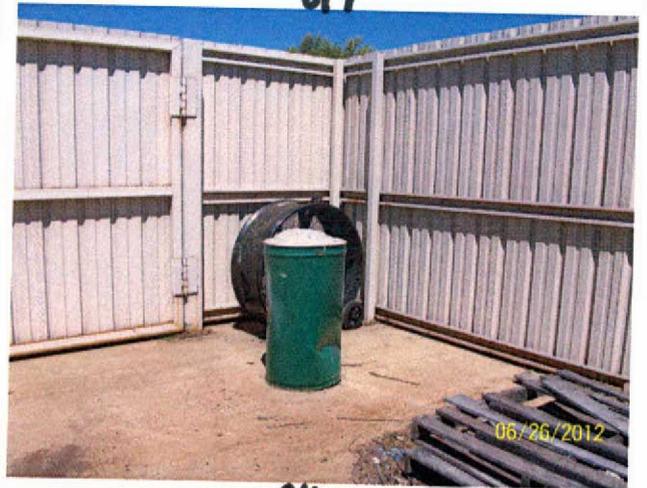
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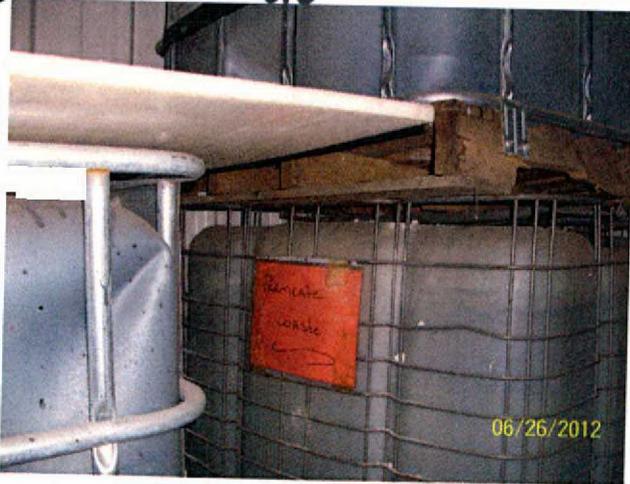
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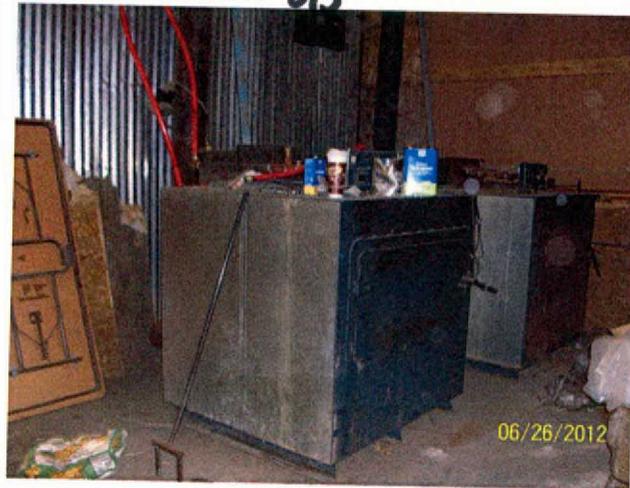
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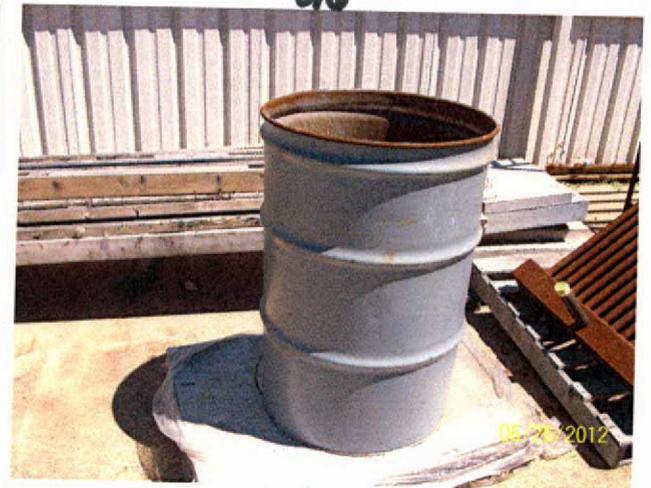
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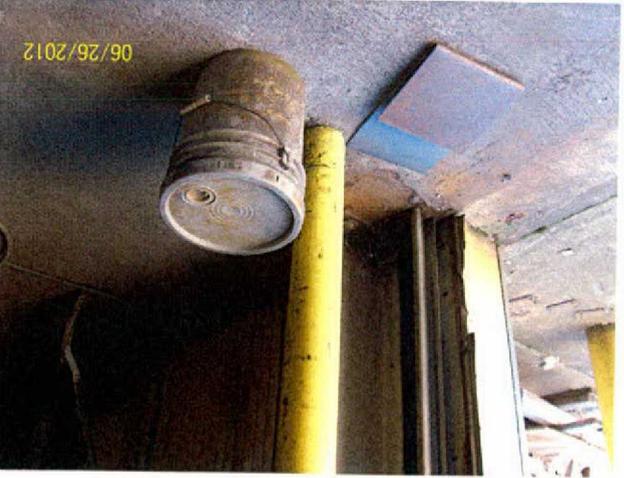
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023



020





029



028



027



030

Photograph Log

Location of Facility: Bethel Engineering & Equipment Inc. (BEEI), 13830 McBeth Road, New Hampshire, OH 45870, Auglaize County

Date Photographs Taken: All photographs taken on June 28, 2012

Photographer: All photographs taken by Kara Reynolds

Camera Make, Model, Serial Number, Type of Film: Kodak Easy Share, M863, KCGHK83321127, Digital Camera

Photograph List:

- 001-Inside Building 1, pallet with 2 black 55-gallon drums
- 002-Inside Building 1, top of one of the drums in photo 001
- 003-Inside Building 1, label on drum in photo 001
- 004-Inside Building 1, pallet with 3 black 55-gallon drums located next to the pallet in photo 001
- 005-Inside Building 1, label on one drum in photo 004
- 006 & 007-Inside Building 1, labels on drums on pallet in photo 004
- 008-Inside Building 2, 55-gallon drum and xylol container next to boilers
- 009-Outside of Building 2, 21 5-gallon buckets of material
- 010-Between Building 2 & Building 3, 2 55-gallon drums of material
- 011-Between Building 2 & Building 3, label on one of the drums of material in photo 010



06/28/2012

002



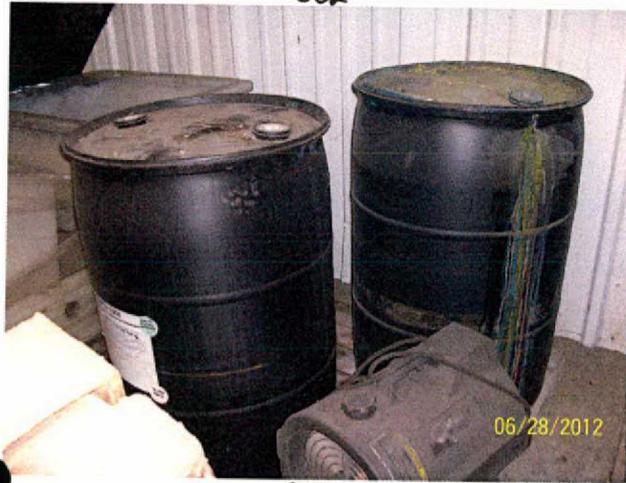
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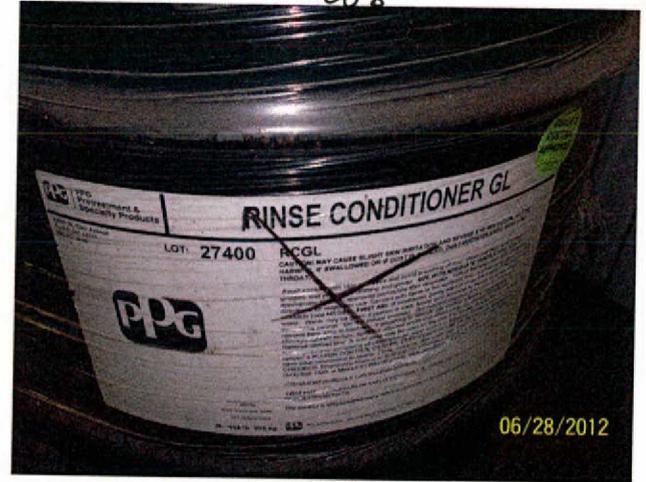
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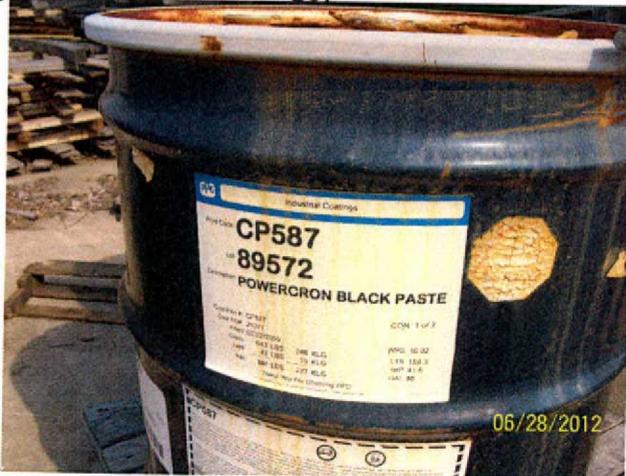
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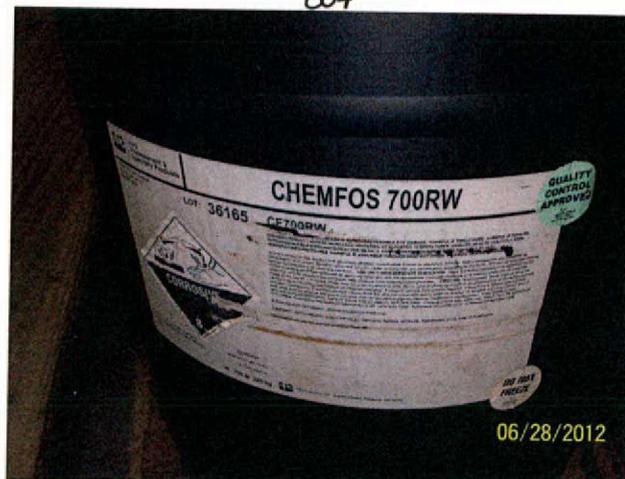
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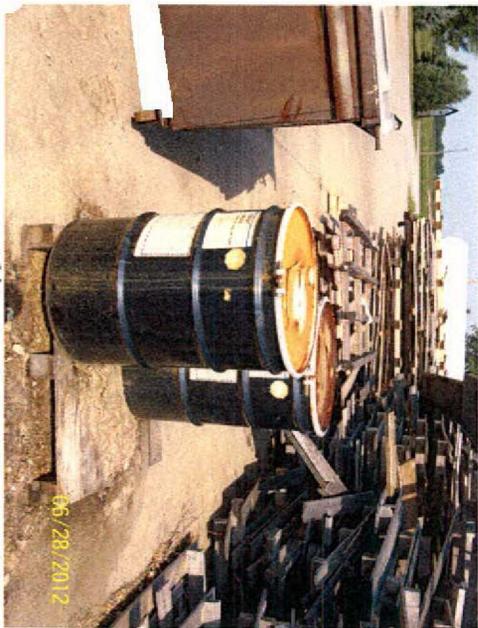


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