



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

September 3, 2009

RE: THE AI ROOT CO.
OHD 004 196 564
MEDINA COUNTY
CEI/NOV/RTC
SQG>CESQG

Ed Huff
The AI Root Company
623 West Liberty
Medina, Ohio 44256

Dear Mr. Huff:

On August 20, 2009, Ohio EPA conducted a compliance evaluation inspection of The AI Root Co.'s (AI Root), Medina facility to determine AI Root's compliance with Ohio's hazardous waste laws and regulations as found under the Ohio Revised Code and the Ohio Administrative Code ("ORC" and "OAC" respectively). AI Root was represented by Floyd Ostrowski and you. The Ohio EPA was represented by Suzanne Prusnek and me. The Ohio EPA's compliance inspection included an inspection of the facility operations and a review of written documentation.

On August 20, 2009, you sent me an e-mail that included the following attachments:

- A. A photo of the used oil containers that had been labeled
- B. A copy of the MSDS for Super Lift

On August 21, 2009, you sent me an e-mail explaining that the yellow drain plug outside of the Northside Warehouse driveway is an old roof drain that leads to the storm sewer. AI Root capped it off to prevent the possibility of anyone using it for disposal purposes.

Also on August 21, 2009, you sent me an e-mail that included the following attachment:

- C. A copy of the Akron Canton Waste Oil manifest.

Finally on August 21, 2009, you sent me an e-mail that included the following attachments:

- D. Two photos of the drums in the garage storage area now on secondary containment pallets

Based on this inspection and the above e-mails, Ohio EPA has determined that AI Root violated at least the following state hazardous waste regulation but that the violation was all abated on the date of the inspection:

Violation:

1. ***Used Oil Storage Requirements for Generators, OAC rule 3745-279-22(C):*** All containers and above ground tanks of used oil shall be clearly labeled or marked "Used Oil".

The used oil containers in the garage storage area were not labeled with the words "used oil". AI Root labeled the container immediately after the inspection as seen in the August 20, 2009 e-mail.

No further action is required to address this violation.

In addition, there were several items we discussed during the inspection.

First was in regards to your hazardous waste identification number. I have submitted a notice to Central Office to have your generator status changed from a small quantity generator (SQG) of hazardous waste (generating between 100 kg and 1000 kg per month) to a conditionally exempt small quantity generator (CESQG) (generating between 0 and 100 kg per month). I have also added a note that the facility occupies both sides of West Liberty Street.

Second, we discussed the management of the mineral spirits you repackage into smaller container and sell as wax remover. You had a drum in the Northside Warehouse that you were adding the remains of the 55 gallon drums to ensure the drums were completely empty prior to returning to the manufacturer or sending off-site. Ohio EPA recommended that you keep the drum collecting the mineral spirits closed to minimize volatilization and to keep dust, dirt and debris from getting into the drum. This will increase the potential that you can re-use the material either for sale or in your parts washer.

We also discussed how you are currently adding your spent parts washer fluid to your used oil. As long as you remain a CESQG, you are allowed to do this activity.

This leads to the final concern. Ohio EPA noted a drum of "Super Lift" in the garage with the used oil. It was determined that this was purchased to try to clean the wax off of the floor. You indicated that it was an experiment that didn't work and now AI Root is left with a nearly full 55 gallon container of this material. Per the MSDS you sent me on this material, in the concentrated form, it has a pH of 13.5 which would make it a hazardous waste if you have to dispose of it. Ohio EPA would encourage you to either use it yourself as a floor cleaner if possible, see if the manufacturer will take it back, or list it on the Ohio Materials Exchange to see if someone else could use it for its intended use. If none of those options work and you need to send it off as a hazardous waste, your generator status will change to an SQG that month, therefore you will not be able to add your parts washer fluid to your used oil. A final option may be for you to do elementary neutralization of the material and dispose of it into the sanitary sewer. Please contact me if you would like to pursue this option.

If you would like a free, non-regulatory on-site pollution prevention assessment or if you would like more information about pollution prevention, please contact Adrienne LaFavre at 330-963-1250. Ohio EPA has helpful information about this at the following web address: <http://www.epa.ohio.gov/ocapp>.

The Division of Hazardous Waste Management has created an electronic news service to provide you with updates related to hazardous waste activities in Ohio. You can find more information and sign up for this free service at the following Web link http://ohioepa.custhelp.com/cgi-bin/ohioepa.cfg/php/enduser/doc_serve.php?2=subscriptionpage.

You can find copies of the rules and other information on the division's web page at: <http://www.epa.ohio.gov/dhwm/>

Failure to list specific deficiencies and or violations in this communication does not relieve AI Root from the responsibility of complying with all applicable laws, rules and regulations.

Be advised that the Ohio EPA reserves the right pursuant to ORC Chapters 3734 and 6111 and any

THE AI ROOT CO.
SEPTEMBER 3, 2009
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other applicable state and federal laws or regulations, to require further site investigation and remediation to address any unpermitted releases of hazardous waste, hazardous substances, industrial wastes, pollutants, and or contaminants into the environment.

Further be advised that any instances of non-compliance can continue as subjects of pending or future enforcement actions.

Should you have any questions or require additional information, please contact Frank Popotnik, my supervisor, or me at (330) 963-1200.

Sincerely,



Karen L. Nesbit
Division of Hazardous Waste Management

KLN:ddw

Enclosure

ec: Harry Sarvis, DHWM, CO
Frank Popotnik, DHWM, NEDO
Natalie Oryshkewych, DHWM, NEDO
cc: Marlene Kinney, DHWM, NEDO

Ohio Environmental Protection Agency
**RCRA SUBTITLE C SITE
 IDENTIFICATION/VERIFICATION FORM**

For Ohio EPA use only

E-mail this completed form to kristina.durnell@epa.state.oh.us
 or mail it to Kristina Durnell, Central Office

Site EPA ID No.	EPA ID Number: OHD 004 196 564		Website: (Optional)						
Site Name	Name: AI ROOT CO								
Site Location Information	Street Address: 623 W LIBERTY ST		State: OH						
	City, Town, or Village: MEDINA		Zip Code: 44256						
	County Name: MEDINA								
Site Land Type (check only one)	Private	County	District	Federal	Indian	Municipal	State	Other	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
NAICS code(s) www.census.gov/epcd/www/naics.html									
Facility Representative	First Name: ED	MI:	Last Name: HUFF						
	Phone Number: 330-725-667		Phone Number Extension: 3247						
Additional names can be recorded in number 12	E-Mail Address: ehuff@rootcandles.com		Fax Number Extension:						
	Fax Number:								
Only provide address information if it is different than the site address	Street or P.O. Box:								
	City, Town or Village:		Zip Code:						
	State:								
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: THE AI ROOT COMPANY		Date Became Owner (mm/dd/yyyy):						
	Owner Type:	Private	County	District	Federal	Indian	Municipal	State	Other
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Street or P.O. Box:		Owner Phone #:						
	City, Town or Village:		Country:						
	State:		Zip Code:						
	Name of Site's Operator:		Date Became Operator (mm/dd/yyyy):						
	Operator Type:	Private	County	District	Federal	Indian	Municipal	State	Other
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Street or P.O. Box:		Operator Phone #:						
	City, Town or Village:		United States						
	State:		Zip Code:						

VIOLATIONS CITED? Yes No

TYPE OF HANDLER- A MINIMUM OF ONE BOX MUST BE CHECKED

<input type="checkbox"/> Not a HW Generator	<input type="checkbox"/> UNKNOWN: Cited for violation of 3745-52-11	<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

TYPE OF REGULATED WASTE ACTIVITY (MARK "X" IN ALL OF THE APPROPRIATE BOXES)

- Recycler of Hazardous Waste
- Underground Injection Control Facility
- Hazardous Waste Transporter
- Treater, Storer or Disposer of Hazardous Waste
- Exempt Boiler and/or Industrial Furnace
- Small Quantity On-Site Burner Exemption
- Smelting, Melting, Refining Furnace Exemption

UNIVERSAL WASTE ACTIVITIES (INDICATE TYPES OF UNIVERSAL WASTE MANAGED)

(CHECK ALL BOXES THAT APPLY)

- Small Quantity Handler of Universal Waste
- Large Quantity Handler of Universal Waste (accumulates 5,000 kg. or more)
- Destination Facility for Universal Waste

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. Oil
- Used Oil Fuel Marketer to Off-Specification Used Oil Burner

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 if more space is needed. If there are more than 7 waste codes and they are the same as listed in the most recent RCRAInfo source record, you do not need to list them all. Instead just indicate the date of the most recent source record.

D001

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

Announced Yes No Additional Facility Representatives: **FLOYD OSTOWSKI**
 Tanks Yes No Other Comments: **AI ROOT IS ON BOTH SIDES OF W LIBERTY STREET -**
 Containers Yes No **BOTH BUILDINGS HAVE THE SAME STREET ADDRESS**

Name of Inspector(s) **KAREN L NESBIT** Name of Inspector(s) **SUZANNE PRUSNEK** Date of Inspection/Time (mm/dd/yyyy) (hh:mm) **8/20/2009 12:30**

OPTIONAL CERTIFICATION. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Owner, Operator, or an Authorized Representative _____ Name and Title (Print) _____ Date (mm/dd/yyyy) _____

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS

CESQG: ≤ 100 Kg. (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: $\geq 1,000$ 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 checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
	a. Does the CESQG manage the mixture in accordance with 3745-279-21?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>

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

NOTE: 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.

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"/>
<i>NOTE: For example, used oil contaminated scrap metal stored in a pile.</i>		
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, <i>THEY ARE CESQG</i>	Yes <input checked="" 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 checked="" 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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. *THEY ARE CESQG**

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 checked="" type="checkbox"/> No <input 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 type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
a.	Stopped the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
b.	Contained the release?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

	c.	Cleaned up and properly managed the used oil and other materials?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
	d.	Repaired or replaced the containers or tanks prior to returning them to service, if necessary?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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#?		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
12.	If the generator self-transport 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>			