

# MATERIAL CHARACTERIZATION

## VEXOR TECHNOLOGY, LLC.

955 West Smith Road, Medina, Ohio 44256  
Phone: 330-721-9773 FAX: 330-721-9438  
EPA ID# OHD 077772895

Approval # \_\_\_\_\_

Sample # \_\_\_\_\_

Sales Rep \_\_\_\_\_

Date Submitted \_\_\_\_\_

## GENERATOR STATUS:

Generator \_\_\_\_\_

Site Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

EPA ID# \_\_\_\_\_ SIC Code \_\_\_\_\_

Technical Contact \_\_\_\_\_

Title \_\_\_\_\_ e-mail \_\_\_\_\_

Bill To Name \_\_\_\_\_

Site Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Business Contact \_\_\_\_\_

Title \_\_\_\_\_ e-mail \_\_\_\_\_

## MATERIAL DESCRIPTION

Name and Description of Material: \_\_\_\_\_

Process Generating Material: \_\_\_\_\_ U.S. EPA Hazardous Waste: \_\_\_Yes\_\_\_No

Proper DOT shipping name: \_\_\_\_\_

Method of Shipment:  Bulk  Drum  Tote  Cubic  Yd Box  Other/Explain: \_\_\_\_\_

Estimated Annual Volume: \_\_\_\_\_ Cubic Yards \_\_\_\_\_ Tons \_\_\_\_\_ Gallons \_\_\_\_\_ Drums \_\_\_\_\_ Container material (metal, plastic, etc.)

Frequency:  One Time Only  Daily  Weekly  Monthly  Yearly  Other- explain \_\_\_\_\_ Approx drum weight

Special Handling Instructions: \_\_\_\_\_

Preferred Disposal Method:  Landfill  Waste to Energy  Recycling  VEF  Other \_\_\_\_\_

## MATERIAL PROPERTIES AT 78°F

a) Physical State:  Solid  Semi-solid  Powder  Liquid  Phases

b) Reactivity:  Water reactive  Acid Reactive  Alkaline Reactive  Oxidizer Autosetting  none

c) Flash Point, °F:  ≤ 72  >72-100  >100-140  >140-200  >200  NA

d) S. G./Density \_\_\_\_\_ e) pH:  < 2  >2 – 6  >6 – 9  >9 – <12.5  >12.5  NA

f) Odor:  None  Mild  Strong : Describe: \_\_\_\_\_ g) Color \_\_\_\_\_

h) Total Organic Halogen (TOX)  0 ppm  >1000 ppm\* If this material is considered a "USED OIL" and is to be managed as a USED OIL, please complete the "USED OIL" ADDENDUM and attach to this profile.

i) PCB Content:  0 ppm  1-49 ppm\*  equal to or > 50 ppm \*Supporting analysis and documentation required.

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### MATERIAL COMPOSITION:

List all components, add up to 100%.

Constituent	Range % (wt-vol)	
	Min	Max
A combined total should equal 100%		

Above is based on:  Generator Knowledge  Analytical Data  MSDS   
 Please attach analysis, TCLP information and appropriate MSDS sheets.  
 SAMPLE SUBMITTED WITH THIS PROFILE: Yes \_\_\_\_\_ No \_\_\_\_\_

### CHEMICAL COMPOSITION:

Constituent	Range %	
	Min	Max
Sulfur		
Chlorine		
Bromine		
Fluorine		
Nitrogen		
Oxygen		
Carbon		
Ash		
Btu's		
Biomass		
Metals		

Metals (other than RCRA)

Metal	ppm	Metal	ppm
Thallium		Palladium	
Copper		Beryllium	
Zinc		Vanadium	
Molybdenum		Manganese	
Antimony		Cobalt	
Nickel		Tin	
Iron		Magnesium	

### RCRA CONTAMINANTS:

TCLP  TOTAL  NONE IN THIS SECTION

EPA #	NAME	REGULATORY LEVEL	ACTUAL
<input type="checkbox"/> D004	Arsenic	>5.0	_____
<input type="checkbox"/> D005	Barium	>100.0	_____
<input type="checkbox"/> D006	Cadmium	>1.0	_____
<input type="checkbox"/> D007	Chromium	>5.0	_____
<input type="checkbox"/> D008	Lead	>5.0	_____
<input type="checkbox"/> D009	Mercury	>0.2	_____
<input type="checkbox"/> D010	Selenium	>1.0	_____
<input type="checkbox"/> D011	Silver	>5.0	_____
<input type="checkbox"/> D012	Endrin	>0.02	_____
<input type="checkbox"/> D013	Lindane	>0.4	_____
<input type="checkbox"/> D014	Methoxychlor	>10.0	_____
<input type="checkbox"/> D015	Toxaphene	>0.05	_____
<input type="checkbox"/> D016	2,4-D	>10.0	_____
<input type="checkbox"/> D017	2,4,5-TP (Silvex)	>1.0	_____
<input type="checkbox"/> D018	Benzene	>0.5	_____
<input type="checkbox"/> D019	Carbon Tetrchloride	>0.5	_____
<input type="checkbox"/> D020	Chlordane	>0.03	_____
<input type="checkbox"/> D021	Chlorobenzene	>100.0	_____
<input type="checkbox"/> D022	Chloroform	>6.0	_____
<input type="checkbox"/> D023	o-Cresol	>200.0	_____
<input type="checkbox"/> D024	m-Cresol	>200.0	_____
<input type="checkbox"/> D025	p-Cresol	>200.0	_____
<input type="checkbox"/> D026	Cresol (total)	>200.0	_____
<input type="checkbox"/> D027	1,4-Dichlorobenzene	>7.5	_____
<input type="checkbox"/> D028	1,2-Dichlorethane	>0.5	_____
<input type="checkbox"/> D029	1,2-Dichlorethylene	>.13	_____
<input type="checkbox"/> D030	2,4-Dinitrotoluene	>0.008	_____
<input type="checkbox"/> D031	Heptachlor	>0.13	_____
<input type="checkbox"/> D032	Hexachlorobenzene	>0.5	_____
<input type="checkbox"/> D033	Hexachloro-1,3-butadiene	>0.5	_____
<input type="checkbox"/> D034	Hexachloroethane	>3.0	_____
<input type="checkbox"/> D035	Methyl Ethyl Ketone	>200.0	_____
<input type="checkbox"/> D036	Nitrobenzene	>2.0	_____
<input type="checkbox"/> D037	Petachlorophenol	>100.0	_____
<input type="checkbox"/> D038	Pyridine	>100.0	_____
<input type="checkbox"/> D039	Tetrchloroethylene	>0.7	_____
<input type="checkbox"/> D040	Trichloroethylene	>0.5	_____
<input type="checkbox"/> D041	2,4,5-Trichlorophenol	>400.0	_____
<input type="checkbox"/> D042	2,4,6-Trichlorophenol	>2.0	_____
<input type="checkbox"/> D043	Vinyl Chloride	>0.2	_____

# MATERIAL CHARACTERIZATION

## GENERATOR CERTIFICATION

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true and accurate description of the material being offered for disposal.

Samples of this material submitted to VEXOR are representative of the material described in this profile. I further certify that by utilizing this profile, neither I nor any other employee of the company will deliver for treatment, processing or recycling or attempt to deliver for same any material that is classified as a hazardous waste, medical or infectious waste or any other material that this facility is prohibited from accepting by law.

Authorized Representative Name (Printed) \_\_\_\_\_ Company \_\_\_\_\_

Authorized Representative Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

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## FOR VEXOR USE ONLY

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Second review: \_\_\_\_\_ Date: \_\_\_\_\_

Approved for treatment (please check and initial) \_\_\_\_\_ Special Handling (if yes, make process directions in notes): \_\_\_\_\_

Treatment	Solidification/ Landfill	Waste to Energy	VEF	Water	Used oil	Recycling	Other ( please note processing)
Check all that apply							

Rejected – reason: \_\_\_\_\_

Price: \_\_\_\_\_ per unit: \_\_\_\_\_ CS initial \_\_\_\_\_ Price approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Notes: \_\_\_\_\_