



Activated Carbon

Spent Activated Carbon Profile Sheet

Norit Pryor Oklahoma Activated Carbon Regeneration Facility *(EPA ID# OKD987072006)*

For assistance in completing this form, please contact

Tim Daugherty @ 918-825-8328

or your Norit Regional Sales Manager

Send completed form to:

Norit Americas Inc.

1432 6th Street, Mid America Industrial Park

Pryor, Oklahoma 74361-4434

Phone 918-825-5570 Fax 918-825-5665

NOTICE

The information reported on the Spent Activated Carbon Profile Sheet is required to ensure that your spent activated carbon is safely recycled in compliance with applicable Federal and State laws. All generators must complete this Spent Activated Carbon Profile Sheet before Norit Americas can approve a Spent Activated Carbon for recycling. Norit Americas may require additional information before accepting your Spent Activated Carbon.

Please fill out this form completely, answering each question. Include supplemental information and analyses when requested or when necessary. An incomplete profile, or one containing inaccurate information, will delay the acceptance process and could result in violations of waste management regulations.

Please ship the original copy of this form, a representative sample* of the spent activated carbon, and chain-of-custody documentation to the above shipping address. Retain a copy of this form for your records.

*Not required for potable water certification

Additional Instructions Attached

Spent Activated Carbon Profile Sheet	TSR Number :	Sales Representative:
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Complete All Sections

I. Customer Information

Customer Name:	EPA ID Number:	
Distributor:	Contact / Title:	
	Phone:	Fax:
	Email Address:	
Generator Facility Address:	Contact / Title:	
	Phone:	Fax:
	Email Address:	
Mailing or Billing Address:	Purchasing Contact:	
	Phone:	Fax:
	Email Address:	

II. Spent Activated Carbon (SAC) Generation Information

Describe your treatment process using the activated carbon (Attach additional sheet if necessary):	
Estimated annual quantity of SAC to return (dry basis): _____ Carbon brand name if known: _____ Carbon base-type: <input type="checkbox"/> bituminous coal <input type="checkbox"/> lignite <input type="checkbox"/> wood <input type="checkbox"/> coconut <input type="checkbox"/> unknown Mesh Size (or closest approximate): <input type="checkbox"/> 4x10 <input type="checkbox"/> 8x16 <input type="checkbox"/> 8x30 <input type="checkbox"/> 12x40 <input type="checkbox"/> 8x40 <input type="checkbox"/> extruded <input type="checkbox"/> other	Is this SAC a RCRA Hazardous waste per 40CFR261? Y__ N__ Has this SAC been used to treat a RCRA Hazardous Waste? Y__ N__ Has this SAC been used at a CERCLA site? Y__ N__ Was this SAC used outside of the United States? Y__ N__ Was this SAC used at a Medical or Veterinary Facility? Y__ N__ Was this SAC used to treat PCB contaminated waste? Y__ N__
Certification for potable water treatment. Fill out sections I, II, III & VI, only. I certify that this carbon has been used to purify water from a public water supply meeting the requirements of the Safe Drinking Water Act. I further certify that the carbon is not a RCRA hazardous waste per 40 CFR261. <input type="checkbox"/> Yes	Sludge Determination (40CFR261.2(c)(3)) Was this SAC used in water supply or wastewater treatment? Y__ N__ Was this SAC used for Air Pollution Control? Y__ N__ Is this SAC a Listed Hazardous Waste? Y__ N__ (40CFR261 Subpart D)

III. Characteristics and Properties of Spent Activated Carbon: (Check If Applicable)

pH Range: <input type="checkbox"/> ≤2 <input type="checkbox"/> 2.1 – 4 <input type="checkbox"/> 4.1 – 10 <input type="checkbox"/> 10.1 – 12.4 <input type="checkbox"/> ≥ 12.5
SAC Characteristics: <input type="checkbox"/> radioactive <input type="checkbox"/> infectious <input type="checkbox"/> explosive <input type="checkbox"/> shock sensitive <input type="checkbox"/> putrescible <input type="checkbox"/> strong odor <input type="checkbox"/> Flash Point <140F <input type="checkbox"/> None of the Above
SAC Contains: <input type="checkbox"/> Asbestos <input type="checkbox"/> Benzene <input type="checkbox"/> Cyanide Compounds <input type="checkbox"/> DBCP <input type="checkbox"/> Dioxins <input type="checkbox"/> Fluorides <input type="checkbox"/> Halogenated Organic Compounds <input type="checkbox"/> Oxidizers <input type="checkbox"/> PCBs <input type="checkbox"/> Sulfide Compounds <input type="checkbox"/> High level of inorganic salts <input type="checkbox"/> Foreign Support Material <input type="checkbox"/> Vinyl Chlorides <input type="checkbox"/> Reactives <input type="checkbox"/> None of the Above.

Spent Activated Carbon Profile Sheet	TSR Number :	Sales Representative:
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IV. Spent Carbon Composition

Do you have a laboratory analysis of this SAC? Yes No Total basis TCLP (if yes, please attach)

Do you have a laboratory analysis of the gas or liquid stream this SAC was used to treat?
Influent Effluent
 Yes No (if yes, please attach)

Constituent	Concentration on SAC <input type="checkbox"/> Dry Basis <input type="checkbox"/> Wet Basis <input type="checkbox"/> TCLP	Units	Concentration in influent stream	Units
Activated Carbon		%	N/A	N/A
Water		%		

V. Shipping Information

Proper DOT Shipping Name :
**see instructions*

Method of shipment:
 Bulk Trailer Bulk Bags Tote Bins 55-gallon drums Other (specify) _____

Special Handling, Safety, or Other Information (attach MSDS, if available):

VI. Certification

The completion of this Spent Activated Carbon Profile Sheet does not ensure approval by Norit of this SAC. The customer should understand that Norit might require additional information before approving / declining this SAC.

I certify that the information presented on this form and in all attached documentation is true and accurate and that all known or suspected hazards have been disclosed. The SAC has been characterized according to 40 CFR 262.11, and, a representative sample of this SAC has been provided to Norit Americas, Inc. (unless exempted). I am authorized by the above listed company or agency to make this certification.

I further certify that SAC shipped to Norit, both current and future, shall conform to the above description and I agree to inform Norit immediately, in writing, of any non-conformity or changes to the SAC or profile information. I understand that Norit is relying on the continuing nature of this certification.

I understand that if non-conforming SAC is sent to Norit, the SAC may be shipped back to the customer at Norit's discretion and at the customer's expense.

_____	_____
Name (Type or Print)	Signature
_____	_____
Title (Type or Print)	Date

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SAC Profile Sheet Instructions

The information reported on the Spent Activated Carbon Profile Sheet (SACPS) is required for consideration of the spent activated carbon (SAC) for transportation to, storage, and recycling at the Pryor facility. This profile is used along with other pertinent information to determine whether the SAC can be transported and/or processed legally and safely. All sections are to be typed or printed clearly in ink.

Introduction Section (All Pages)

1. **TSR Number** – This number assigned by Norit Americas Inc. It is specific to each source of SAC and must be referred to in all correspondence regarding the SAC.

2. **Sales Representative** - Enter the name of your Sales Representative here.

Section I – Customer Information

1. **Distributor** - Enter the name of the firm accountable for the validity of information presented concerning generator and their process.

1. **Generator Name** – Enter the name of the facility generating the SAC. This name is to be the same as that which will appear on the shipping papers. If the client requesting reactivation services is different from the generator of the SAC, please explain.

2. **Generator Facility Address** – Enter the address of the location where the SAC is generated. This address should be the one that corresponds to the EPA ID number for the facility.

3. **Mailing or Bill to Address** – Enter the address where correspondence and/or invoicing should be sent. If the address is the same as the facility, enter the word “same”.

4. **EPA ID Number** – Enter the twelve digit EPA Identification Number assigned to the facility generating the SAC, if applicable. Include any state identification number if different from USEPA ID number.

5. **Facility Contact** – Enter the name / title if the individual who is knowledgeable of the SAC process and responsible for the coordination of activities involving SAC generation, removal, and recycling.

6. **Phone, Fax & Email** - Enter this data for the facility contact including area codes and any extension numbers.

7. **Technical Contact** – Enter the name / title of the individual to whom technical correspondence or specific questions regarding the SAC should be addressed. This person should be responsible for the characterization of the SAC at the site.

8. **Phone, Fax & Email** – Enter this data for the technical contact including area codes and any extension numbers.

9. **Purchasing Contact** – Enter the name of the individual to whom invoicing should be addressed. This person should be responsible for procurement of activated carbon and/or SAC services for the generating site. Or, enter here any other pertinent contact.

10. **Phone, Fax & Email** – Enter this data for the purchasing contact including area codes and any extension numbers.

Section II – Spent Carbon (SAC) Generation Information

1. **Describe process generating the SAC** – Provide a detailed description of the process in which the SAC is generated. This entry is to include detailed information of the composition of the stream treated by the activated carbon and process conditions. If the spaced provided is not enough to describe the process, attach an additional sheet.

2. **Estimated annual quantity of SAC and Carbon Type and Mesh Size (dry basis)**. Enter the quantity of SAC generated from this specific process only on a dry carbon basis. Be specific with units such as “metric tons, pounds, and cubic feet”. Do not use “truckloads” unless it is defined by a specific quantity. Enter the carbon type and mesh size.

3. **Certification for potable water treatment** – If the SAC is generated from the purification of a potable water supply (i.e., water supplied by a public water supply and meeting the requirements of the Safe Drinking Water Act). It may be approved using an abbreviated procedure. If this certification is not applicable check the box marked “N/A”. If applicable, check the certification box and only complete sections I, II, III, and VI on the form.

4. **Please answer the following questions; please include any explanation if needed on additional page.**

5. **Sludge exemption (40CFR261.2(c)(3))** – Some spent activated carbon meets the EPA definition of “sludge”. Under some circumstances, EPA does not consider sludge sent for reclamation a solid waste (or a hazardous waste). Complete the answers to section II under the heading “Sludge” if you want to claim your SAC is not a waste.

Section III – Characteristics and Properties of Spent Activated Carbon.

Physical properties – Check any boxes that apply to this SAC. Under “SAC Contains” check appropriate boxes to indicate any items that may be present in the SAC. Refer to appropriate regulation for definitions. For example, for explosive materials see 49 CFR 173.50, for PCBs see 40 CFR 761, for oxidizers see 49 CFR 173.151 and 173.127, for radioactive see 10 CFR 20.1103 and 42 USCA 2014(e).

Section IV – Spent Carbon Composition

1. Please attach laboratory analysis of this SAC.

2. Please attach a laboratory analysis of the gas or liquid stream this SAC was used to treat. Specify influent or effluent, and then attach analysis to this profile.

Section V Shipping Information

1. **Proper DOT Shipping Name** – Refer to 49 CFR 172.101 to determine the correct shipping name. Note that SAC is not the same as virgin activated carbon due to the mixture with adsorbates during use. Adsorbates can provide characteristics for which other classifications apply. If no specific names apply, please enter “Non RCRA, Non Regulated”.

2. **Method of shipment** – Check appropriate box.

3. **Special Handling, Safety, or Other Information** - This section is extremely important to insure the proper and safe handling of the SAC. You are requested to make a detailed examination of not only the SAC but also the mechanical, toxicological, and environmental aspects of handling and transporting the SAC. This section should contain requirements for personal protective equipment and other safety equipment. It is strongly recommended that material safety data sheets are attached for the adsorbates contained on the SAC.

Section VI – Certification

Please read carefully. Only authorized personnel should complete this section.