



**TRI-EQUITY**  
INTERNATIONAL

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**SPENT CATALYST PROFILE FORM**

**GENERATOR INFORMATION**

Company Name: \_\_\_\_\_ Waste Profile Sheet Number \_\_\_\_\_  
Facility: \_\_\_\_\_  
Facility Address: \_\_\_\_\_ Purchase Order Number \_\_\_\_\_

Contact  
Technical: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_  
Business: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_  
Environmental: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_

USEPA ID No.: \_\_\_\_\_  
ODEQ Disposal Plan No.: \_\_\_\_\_

**CATALYST DESCRIPTION**

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Shape: \_\_\_\_\_  
Cycle: \_\_\_\_\_  
Treatment by Generator Prior to Shipment: \_\_\_\_\_

Waste Composition:

Spent Catalyst	_____	%
Inert Support	_____	%
Free Liquid Present? <input type="checkbox"/> No <input type="checkbox"/> Yes	_____	%
Foreign Material (sand, gravel, etc.)	_____	%
Other: _____	_____	%
_____	_____	%
_____	_____	%
<input type="checkbox"/> Additional listed on back	_____	%
Total	_____	%

**TRANSPORTATION AND HANDLING**

Alliance for Uniform Hazmat  
Transportation, Transporter No.: \_\_\_\_\_  
Carrier: \_\_\_\_\_  
Method of Delivery  Flatbed  Enclosed Van  Other \_\_\_\_\_  
Total Volume of Spent Catalyst: \_\_\_\_\_  lbs  ft<sup>3</sup>  yd<sup>3</sup>

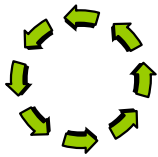
Manifest No. (if applicable): \_\_\_\_\_

Number of Drums: \_\_\_\_\_

Number of Flo-bins: \_\_\_\_\_

Special Handling Required?  No  Yes, explain: \_\_\_\_\_

Is there a dusting hazard when the containers are opened?  No  Yes



**WASTE ANALYSIS**

Physical Characteristics:

pH:  N/A     <2     4-7     7     7-10     10- <12.5     ≥12.5  
Flash Point:  N/A     < 140°F/60°C     ≥ 140°F/60°C

Chemical Composition:

Carbon Content: \_\_\_\_\_ %  
Sulfur Content: \_\_\_\_\_ %

Hazardous Constituents	Concentration
_____	_____ ppm
_____	_____ ppm
_____	_____ ppm
_____	_____ ppm
_____	_____ ppm
_____	_____ ppm

Additional listed on attached sheet

Please note: The chemical composition identification must include, at a minimum, all toxicity characteristic constituents, defined in 40 CFR 261, which are present in concentrations above TCLP limits.

Sampling Source:  Container     Reactor     Other: \_\_\_\_\_

Method used to determine chemical composition:  TCLP     Total     Other: \_\_\_\_\_

Analysis Results attached:  Yes     No

Does the spent catalyst contain a hazardous waste as defined in 40 CFR 261 Subpart D?

No     Yes, list codes: \_\_\_\_\_

Additional Properties:

Radioactive     Explosive     Shock-Sensitive  
 Reactive with \_\_\_\_\_  
 Incompatible with: \_\_\_\_\_

Does the spent catalyst contain PCB's?  No     Yes, \_\_\_\_\_ ppm

**CATALYST BY-PRODUCTION DISPOSITION (FINES AND INERT SUPPORT)**

Facility and Transportation Selection for by-product disposition (non recycled for reuse catalyst and support) by;

Tri-Equity Yes  No

Customer Yes  No  Selection Company \_\_\_\_\_ Transporter \_\_\_\_\_

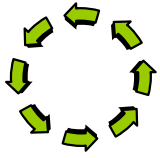
Return Fines/Oversize Yes  No

Return Inert Support Yes  No

**CERTIFICATION**

I hereby certify that all information submitted herein, to the best of my knowledge, is true and accurate and the analytical data presented was derived from the analysis of a representative sample in accordance with methodologies set forth in 40 CFR 261.20(c).

_____ Signature	_____ Title
_____ Name	_____ Date



**Instructions for Tri-Equity SPENT CATALYST PROFILE FORM**

This form provides all the information necessary for Tri-Equity to comply with the environmental reporting requirements as required by federal and state statutes. Some of the information on the form will not be completed at the time of submission, especially in the case of a turnaround regeneration.

**Generator Information**

Please fill out address and contact information. Include your EPA ID Number. Tri-Equity will fill in your ODEQ Disposal Plan Number when received.

**Catalyst Description**

Fill out all items.

**Transportation and Handling**

If you are arranging transportation and the spent catalyst is hazardous, you must use a transporter, registered with the Alliance for Uniform HAZMAT Transportation. Please fill in their Alliance for Uniform Hazmat transporter Number, name and type of trailer.

If you do not have a Waste Profile number, leave blank and Tri-Equity will fill in when catalyst arrives at our facility.

**Waste Analysis**

pH is irrelevant in spent catalyst. Check N/A.

If catalyst is to be classified as ignitable (D-001), check the <140 °F/60 °C box, otherwise check ≥140 °F/60 °C box.

List all hazardous constituents and their respective codes based on either "Process Knowledge" or TCLP analysis. In the case of a turnaround regeneration, when time constraints do not allow for a TCLP analysis before shipment, check the TCLP box and check the Analysis Results attached "No" box. Following sampling, a TCLP can be run to confirm the "Process Knowledge" assumptions.

**By-product Disposition Authorization**

If you plan to have your by-products from the catalyst regeneration shipped to a third party for disposal or metals reclamation, you must complete this Authorization Form and sign it. The form authorizes Tri-Equity to ship this material to the appropriate party.