



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Materials Science – Combustible Dust Chain of Custody

EMSL Order Number *(Lab Use Only):*

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675

Company :		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street:		<i>Third Party Billing requires written authorization from third party</i>	
City:	State/Province:	Zip/Postal Code:	Country:
Report To (Name):		Fax #:	
Telephone #:		Email Address:	
Project Name/Number:			
Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken In:

Turnaround Time (TAT) Options – Please Check

2 Week Expedited (Please call for information) TAT: _____

Test Type

<input type="checkbox"/> Initial Analysis/Sample Characterization	<input type="checkbox"/> Minimum Ignition Temperature (MIT)	<input type="checkbox"/> Package Option: Full Class II (Kst, MEC, MIE, and MIT)
<input type="checkbox"/> Go/No Go Testing	<input type="checkbox"/> Resistivity (volume)	
<input type="checkbox"/> Explosion Severity (Kst, P _{max} , dP/dt _{max})	<input type="checkbox"/> Limiting Oxygen Concentration (LOC)	
<input type="checkbox"/> Minimum Explosive Concentration (MEC)	<input type="checkbox"/> Layer Ignition Temperature (LIT)	
<input type="checkbox"/> Minimum Ignition Energy (MIE)	<input type="checkbox"/> Other (Please Explain):	

All orders for clients who do not have established accounts with EMSL Analytical must be accompanied by payment in form of a check or credit card. After your first order, EMSL reserves the right to establish an account and assign credit terms of Net 30 or COD based on credit evaluation and or frequency of sample submittal. To establish a permanent account, you must be able to submit samples on a regular basis at a minimum of five times per year. EMSL reserves the right to make adjustments or changes to this policy as deemed necessary by business requirements.

MSDS of the material(s) for each sample to tested must be submitted with the samples.
EMSL Analytical reserves the right to refuse to analyze any samples deemed to be inappropriate or too hazardous.

Samplers Name:	Samplers Signature:
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Sample #	Sample Description	Volume	Date/Time Sampled

Client Sample # (s): -	Total # of Samples:
Relinquished (Client):	Date: Time:
Received (Lab):	Date: Time:
Comments:	



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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume	Date/Time Sampled
*Comments/Special Instructions:			



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Steps for Combustible Dust Sample Submission:

1. Collect enough material for analysis (typically 2-4lbs per sample).
 - Sample should have consistency of baking flour
2. Equipment for collecting dust samples may include the following:
 - Natural bristle hand brushes for collecting settled dust.
 - Non-sparking, conductive dust pans (aluminum), for collecting settled dust.
 - Non-spark producing sample container.
 - Non-spark producing funnel for filling sample containers.
 - Non-spark producing scoops for removing dust from cyclone containers or other ventilation equipment.
3. Pack sample(s) into appropriate containers
 - Sealed non-sparking plastic container or double-bagged non-sparking zipper locked bag.
4. SDS(s) Form
 - Include a copy of the SDS form for each sample.
 - In case of large documents, SDS may be sent electronically to jpassero@emsl.com
5. Complete Combustible Dust Chain of Custody form
 - Form may be put in package but not in direct contact with the sample(s). Keep forms separate from actual sample(s).
 - Double check to ensure sample names/tags match the chain of custody form description(s).
6. Ship Sample(s) to:

EMSL Matsci
200 Route 130 North
Cinnaminson, NJ 08077

Combustible Dust Quick Reference Checklist for Sample Submission

<input type="checkbox"/>	Sample(s) minimum amount collected
<input type="checkbox"/>	Sample(s) properly packed and sealed
<input type="checkbox"/>	Purchase Order or Credit Card form enclosed in box
<input type="checkbox"/>	SDS enclosed in box
<input type="checkbox"/>	Chain of custody form enclosed in box
<input type="checkbox"/>	Quotation for Analytical Services enclosed in box
<input type="checkbox"/>	Chain of custody form enclosed in box
<input type="checkbox"/>	Shipping Info correct

Please contact John Passero at jpassero@emsl.com or 856-858-4800 x 3604 with questions.