

**Equipment Division**

4300 Bethlehem Pike • Telford, PA 18969

Phone: 215-721-8990 • Fax: 215-721-2355

[www.fluidenergype.com](http://www.fluidenergype.com)

**Instructions for filling out Milling Test Data Sheet – Word Fill-In Version**

The test data sheet may be filled out in one of two ways: (a) either by filling in the Microsoft Word fill-in form version, or (b) by filling the blank cells of the PDF version of the data sheet.

How to fill-in the Word version:

1. Highlight text in square brackets, [text in square brackets], and provide the information requested within the brackets.
2. Click: either the yes or no boxes and “X” will appear.
3. Cells with “---N/A---“ are not fillable.
4. Once the form is filled, use “save as” and give the file a new name. Print the new file, sign & date it, then return it to Fluid Energy.



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**Milling Test Data Sheet**

|  |  |
| --- | --- |
| Company Information | billing information |
| [Company name][Street][City, State, Zip Code] | [Street][City, State, Zip Code]ATTN: [Name]P.O. #[number] **(Invoices payable net 30 days)** |
| contact Information\* | product & test material information |
| [Name]Phone number: [Number & ext.]FAX: [Fax][E-mail address]\*Test report & processed sample will be shipped to the above at the company address, unless instructed otherwise. | [Street][City, State, Zip Code]ATTN\*: [Name & phone number][Carrier: if this is a collect shipment]\*Individual in charge of shipping of test material (feedstock); receiving of product & untested feedstock |

**TEST MATERIAL (FEEDSTOCK) INFORMATION**

|  |  |
| --- | --- |
| Material’s trade name? | [Provide information] |
| Quantity to be sent: | [Provide information] |
| Value/lb.: | [Provide information] |
| What is the material’s end use?  | [Provide information] |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Yes | No |  |
| Is material a food component? | [ ]  | [ ]  | --N/A-- |
| Is material a drug component? | [ ]  | [ ]  | --N/A-- |
| Is material a cosmetics component? | [ ]  | [ ]  | --N/A-- |
| Is insured while at our facility?  | [ ]  | [ ]  | --N/A-- |
| Flows easily as a feedstock? | [ ]  | [ ]  | --N/A-- |
| Can be screw fed? | [ ]  | [ ]  | --N/A-- |
| Is hygroscopic as a feedstock? | [ ]  | [ ]  | --N/A-- |
| Is hygroscopic as a finished product? | [ ]  | [ ]  | --N/A-- |
| Is explosive as a feedstock? | [ ]  | [ ]  | [If yes, provide details] |
| Is explosive as a fine powder? | [ ]  | [ ]  | [If yes, provide details] |
| Requires safe handling | [ ]  | [ ]  | [If yes, provide details] |

**TEST MATERIAL (FEEDSTOCK) PROPERTIES**

|  |  |
| --- | --- |
| Mean particle size | [Provide information] |
| Maximum particle size | [Provide information] |
| Material color | [Provide information] |
| Physical structure | [Provide information] |
| Explosion Severity: | [Provide information] |
| Min. explosive conc. | [Provide information] |
| Max. explosive conc. | [Provide information] |

**HMIS Rating: 4 = severe, 0 = minimal**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Health | [number] | Flammability | [number] | Reactivity | [number] | Personal protection | [number] |

**PRODUCT REQUIREMENTS**

|  |  |
| --- | --- |
| Average particle size | [information] |
| Maximum particle size | [information] |
| Required color (if critical) | [information] |
| Bulk density (lbs./cu. ft.) | [information] |

**SAMPLES:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sample size | [information] | Sample frequency |      [information] |

**PARTICLE SIZE ANALYSIS (PSA)\***

|  |  |  |  |
| --- | --- | --- | --- |
| Methods used (by company) | Yes | No |  |
| Laser diffraction  | [ ]  | [ ]  |  [manufacturer, model, Watts & duration] |
| Sieve  | [ ]  | [ ]  | --N/A-- |
| Microscopic  | [ ]  | [ ]  | --N/A-- |
| Other | [ ]  | [ ]  | [If yes, provide information] |

***\**** *Please send PSA reports for feedstock & control samples for comparison with our laser results*

**PSA REPORT (Fluid Energy supplied)**

|  |  |  |  |
| --- | --- | --- | --- |
| Requested Statistics: | Yes | No |  |
| Mean  | [ ]  | [ ]  | --N/A-- |
| Median | [ ]  | [ ]  | --N/A-- |
| Other | [ ]  | [ ]  | [If yes, provide information] |
| % < d50 | [ ]  | [ ]  | --N/A-- |
| %< d90 | [ ]  | [ ]  | --N/A-- |
| %< d100 | [ ]  | [ ]  | --N/A-- |

**CURRENT PRODUCTION INFORMATION**

|  |  |
| --- | --- |
| How is material currently produced? | [Provide information] |
| Current product particle size is: | [Provide information] |
| Current product moisture is: | [Provide information] |

**Please type additional instructions below:**

[Type additional information here]