



Engineering Data Sheet (EDS) -Confidential Tel : +1-800-996-0070 Fax : +1-847-376-3530

Company : _____ Department : _____

Address : _____

City : _____ State : _____ Zip code : _____ Country : _____

Telephone : _____ Fax : _____

Submitted by : _____ Title : _____ Date : _____

1. Material (Please include MSDS along with this form)

1.1 Trade Name : _____

1.2 Chemical Name : _____

1.3 Amount of Material supplied : _____

1.4 Container type : _____

1.5 Sample delivery date : _____

1.6 Delivery method : _____

2. Purpose (Please check)

2.1 Preliminary equipment evaluation

2.2 Product evaluation

2.3 Contract manufacturing

3. Process Requested (please check)

3.1 Air classification only () MATSUBO Elbow-Jet EJ-L-3 () NISSHIN Turbo-Classifer TC-15N

****NOTICE** Maximum particle size of sample material must be under 0.5mm.**

****Please note you have responsibility to pay for any damage to test equipment incurred with forbidden large particles.**

3.2 Grinding and classification

closed circuit system open circuit system

3.3 Grinding only () YUTAKA YTK pulverizer, () NISSHIN SJ mill (jet mill),

() other _____

3.4 Other () Fujisaki Electric Spray Dryer, () ACO Jet Separator (dust remover),

() ACO Wet Scrubber, () other _____

4. Feed Material Characteristics

4.1 Maximum particle size (microns) : _____

4.2 Medium particle size (microns) : _____

by (measuring method) : _____

4.3 Bulk density (loose) (g/cm³) : _____

4.4 Specific gravity : _____

4.5 Please check all those which applies

abrasive poisonous cohesive, adhesive conductive

explosive electrostatic hygroscopic flushing

other _____

5. Requirements : control/target sample shipped with feed

5.1 End product should be :

Fine fraction Coarse fraction Middle fraction

5.2 Desired particle size distribution of the end product : control sample shipped with feed

above _____ microns, _____ %

below _____ microns, _____ %

comments : _____

5.3 Feed rate (kg/hr) : _____

5.4 Estimated production rate of end product (kg/hr) : _____

5.5 Please specify which of the following requirements is most important :

to get strict particle diameter rather than yield

to get certain yield rather than strict particle diameter

other _____

5.6 Minimum amount of target sample required for customer's evaluation : _____

5.7 Rest of tested and non-tested material should be :

Shipped back (collect) Carrier: _____ Account No.: _____

Shipped back (prepaid if you do not have a carrier account), Other

* The remained material may not be disposed of by AAAMachine because of environmental regulation.

6. Particle Characterization

6.1 We have the following measuring apparatus. Please choose one.

Coulter counter Multisizer II Aperture : _____ microns

Cilas 930L - laser type (wet) other _____

6.2 Dispersion condition :

Liquid and/or Media : _____

Wet reagent : _____

Ultrasonic wave bath (sec./min.) : _____

Other : _____

7. The method how to evaluate the products on site: _____

8. Please specify possible or impossible material to be contacted (if you need):

possible _____ impossible _____

9. Please specify contamination allowance (if required) : _____

10. Desired Test Date: _____ / _____ /20____

11. Attendance of test: No, Yes (Customer) _____ (Agent) _____

12. Have you processed this material before? Please describe results.

CONFIDENTIALITY

AAAMachine will hold in confidence the identification of your sample, and confidentially marked specifications from you, the date we generate, and the results we provide to you. AAAMachine dispose all excess sample material, unless make specific provision for its return.

MATERIAL SAFETY DATA SHEETS (MSDS) ARE REQUIRED BEFORE SAMPLES CAN BE PROCESSED.