Air Classification
Milling Questionnaire

Customer Contact Information

Contact Name: _____ Tel: _____

Company Name: _____ Fax: _____

Address: _____ Email: _____

_____

_____

Material Characteristics

Material: _____

Material Attributes:

- ☐ Granular
- ☐ Powder
- ☐ Spherical
- ☐ Fibrous
- ☐ Platelet
- ☐ Abrasive
- ☐ Hygroscopic
- ☐ Sticky
- ☐ Electrostatic
- ☐ Cohesive
- ☐ Other _____

Internal Moisture: _____ % water

Surface Moisture: _____ % water

Bulk Density: _____ -- select --

Specific Gravity: _____

Temperature: _____ -- select --

Hardness: _____

Feed Particle Size Analysis (e.g. D_{50} = 30µ) or attach Particle Size Distribution: _____

Device used for particle size determination: _____

Process Requirements

Application: ☐ Classifying ☐ Milling ☐ Both

Process Rate: _____ -- select -- ☐ Feed Rate to Classifier ☐ Desired Production Rate

Coarse fraction from classifier will be: ☐ an end product ☐ sent to mill ☐ other _____

Classified Product(s) Specifications

Product 1: Desired Particle Size (e.g. D_{97} < 50µ) or attach Particle Size Distr.: _____

Product 2: Desired Particle Size (e.g. D_{97} < 20µ) or attach Particle Size Distr.: _____

Product 3: Desired Particle Size (e.g. D_{97} < 5µ) or attach Particle Size Distr.: _____

Equipment Information

Mat'l of Construction: ☐ Carbon Steel ☐ 304SS ☐ 316SS ☐ Other _____

Rotor Material: ☐ Steel ☐ Ceramic ☐ Polyamide ☐ Abrasion resistant steel

Lining Material: ☐ Alumina ☐ Polyurethane ☐ Other _____

Surface Finish: _____ Ra<µm Remarks: _____

Area Classification (e.g. Class II, Div 2, Group G): _____

Operation: _____ hours per day Voltage: -- select -- Frequency: -- select --

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