

# MILLING

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## GRINDING APPLICATION QUESTIONNAIRE

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Please provide as much information as possible.

Date: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

### 1. Pre-grind Material Characteristics

Product: \_\_\_\_\_

Infeed Size: \_\_\_\_\_ (in., mm) Infeed Temperature: \_\_\_\_\_ (<sup>0</sup>C, <sup>0</sup>F)

Bulk Density: \_\_\_\_\_ (#/ft<sup>3</sup>, kg/m<sup>3</sup>) Moisture Content: \_\_\_\_\_ %

Fat/Oil Content: \_\_\_\_\_ % Corrosive: Yes No Toxic: Yes No

Explosive: Yes No Hydroscopic: Yes No Sticky: Yes No

Mohs Hardness: \_\_\_\_\_ Max. Temp Rise: \_\_\_\_\_ (<sup>0</sup>C, <sup>0</sup>F)

Other Data: \_\_\_\_\_

How will material be fed to Mill? \_\_\_\_\_

Can a sample of pre-grind material be provided for lab testing: Yes No

### 2. Process Requirements

Type of Machine (if known): Lump Breaker Crusher Hammermill Fine Grinder Classifier  
Mill

Capacity: \_\_\_\_\_ (#/hr, tons/hr, kg/hr, metric tons/hr)

Motor HP: \_\_\_\_\_ Motor RPM: \_\_\_\_\_

Air System: \_\_\_\_\_ CFM: \_\_\_\_\_

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**3. Product Results**

Average Particle Size Range: \_\_\_\_\_ - \_\_\_\_\_ Micron

Max. Particle Size: \_\_\_\_\_ Micron    Min. Particle Size: \_\_\_\_\_ Micron

Screen Analysis: \_\_\_\_\_ % + 8 mesh                                  \_\_\_\_\_ % + 100 mesh

                                 \_\_\_\_\_ % + 20 mesh                                  \_\_\_\_\_ % + 325 mesh

                                 \_\_\_\_\_ % + 60 mesh                                  \_\_\_\_\_ % Pan

How will product be taken away from mill? \_\_\_\_\_  
\_\_\_\_\_

Can a sample of desired result be provided for lab testing:    Yes    No

**4. Action Required**

Send Literature:        Yes        No

Send Sales Rep:        Yes        No

Prepare Quotation:    Yes        No                      When is it required? \_\_\_\_\_

**Comments:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Signature:** \_\_\_\_\_

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