

**Prater-Sterling**  
[www.praterindustries.com](http://www.praterindustries.com)  
*Prater-Sterling Test Facility*  
 2 Sammons Court  
 Bolingbrook, Illinois 60440  
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 E-Mail: [pcampbell@praterindustries.com](mailto:pcampbell@praterindustries.com)

## Process Application/ Test Request Form

Date: \_\_\_\_\_ \*Assigned AN#: \_\_\_\_\_ Customer PO # (if applicable): \_\_\_\_\_

**BILL TO (if applicable):**

**\*RETURN MATERIAL TO:**

\* Company Name: \_\_\_\_\_  
 \* Address: \_\_\_\_\_  
 \* City, State, Zip \_\_\_\_\_  
 \* Phone # (\_\_\_\_) \_\_\_\_\_  
 \* Fax # (\_\_\_\_) \_\_\_\_\_  
 \* Contact Name: \_\_\_\_\_  
 \* E-mail address: \_\_\_\_\_

\* \_\_\_\_\_  
 \* \_\_\_\_\_  
 \* \_\_\_\_\_  
 (\_\_\_\_) \_\_\_\_\_  
 (\_\_\_\_) \_\_\_\_\_  
 Preferred Carrier: \_\_\_\_\_  
 Account Number: \_\_\_\_\_

**PRE-GRIND MATERIAL CHARACTERISTICS**

\* Product Name: \_\_\_\_\_ Bulk Density: \_\_\_\_\_ lbs/ cu ft  
 \* Product Type: \_\_\_\_\_ Moisture Content: \_\_\_\_\_ %  
 Feed Temperature: \_\_\_\_\_ (deg C/ deg F) \* Fat/ Oil Content: \_\_\_\_\_ %  
 Corrosive: (YES / NO) Explosive: (YES / NO)  
 Abrasive: (NO / MILD / VERY)

**PRE-GRIND MATERIAL PURITY**

Can a complete chemical analysis be provided: (YES / NO)

If the feed material is Earth mined or a chemical formulation and less than 99.9% pure, all additional components must be listed below:

Name	MOHS	% of Sample	Name	MOHS	% of sample	Name	MOHS	% of sample
Silica	7							
Alumina	9							
Quartz	7							
Iron	5.5							

**PROCESS REQUIREMENTS**

\* Process Type (circle): Grinding, Separation, Compacting, De-lumping

Process Equipment (circle if known): Fine Grinder, Hammer Mill, Air Classifier, Sifter, Compactor

\* Maximum Allowable Product Temperature: \_\_\_\_\_ (deg C/ deg F)

\* Average Particle Size: \_\_\_\_\_ (mesh/ micron)

\* Maximum Particle Size: \_\_\_\_\_ (mesh/ micron)

\* Minimum Particle Size: \_\_\_\_\_ (mesh/ micron)

\* Requested Finished Material Particle Size Distribution: **Retained / Passing** (Circle One)

_____ %	_____ (mesh/ micron)
_____ %	_____ (mesh/ micron)
_____ %	_____ (mesh/ micron)
_____ %	_____ (mesh/ micron)
_____ %	_____ (mesh/ micron)
_____ %	_____ (mesh/ micron)

\* Capacity Required: \_\_\_\_\_

**TEST INFORMATION**

Amount Sent: \_\_\_\_\_ (lbs / kg) Control Sample Sent: (YES / NO)

Desired Test Date: \_\_\_\_\_

Send Test Run Samples: (YES / NO)

Return Material Carrier Preference: (YES / NO) If yes, ship via: \_\_\_\_\_ Class: \_\_\_\_\_

\*Will you be attending the test? (YES / NO)

Is testing for overall system design or specific system components? \_\_\_\_\_

Are you interested in Prater Toll Processing? (YES / NO)

Process flow description / requirements:

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

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

**\* Required fields**

### Terms and Conditions

1. All test material shipments must include a product MSDS, with the shipment.
2. All requests for non-food materials require review of the MSDS **PRIOR** to material shipment.
3. All tests materials will be returned collect at the conclusion of the testing.
4. Shipment's are to be sent pre-paid with the company name and assigned control number clearly visible on the containers(s). **No "Collect" shipments** will be accepted.
5. This form must be completed and reviewed by the Test Lab prior to material shipment.
6. Failure to complete the required fields will delay testing.
7. All test materials will be returned best way, collect at the completion of the testing.
8. **Tests will not be scheduled until all required paperwork has been reviewed and the test material has arrived at Prater's Test Facility.**
9. Because of the number of tests conducted and the variety of materials processed, Prater Industries cannot guarantee purity of returned test material.
10. **Returned test materials are not suitable for human consumption.**