



# Jim Robbins and Associates, Inc.

Dry Bulk Solids Handling and Air Pollution Control  
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## Screening Application Form

CUSTOMER \_\_\_\_\_

YOUR NAME \_\_\_\_\_ DATE \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_ EMAIL \_\_\_\_\_

### I. MATERIAL CHARACTERISTICS

- A. Feed material to be screened \_\_\_\_\_
- B. Particle Size Separations (complete table at right)
- C. Material Temperature \_\_\_\_\_ F/C
- D. Bulk Density (loosely packed) \_\_\_\_\_ PCF / gm/cc
- E. Moisture Content \_\_\_\_\_ %
- F. Is the material:  Abrasive?  Free flowing?  Hygroscopic?  
 Sticky?  Slurry?  Wastewater?  
 Corrosive? (pH \_\_\_\_\_)
- G. Is static an issue?  Yes  No
- H. Particle description:  Spherical  Flaky  Crystalline  
 Granular  Fibrous  Elongated  Other \_\_\_\_\_
- I. Are materials hazardous or toxic?  Yes  No (If yes, describe in notes below)

Particle Size Separations	
Sieve	% Retained

### II. OPERATING INFORMATION

- A. Is the operation  Continuous?  Batch? Number of production hours per day? \_\_\_\_\_
- B. Type of operation  Scalping / Oversize removal  De-dusting / Fines removal  Sizing / Grading  
 Dewatering / Liquid Removal  Wastewater Filtration / Solids Removal
- C. How is the material fed? \_\_\_\_\_
- D. Total Estimated Feed Rate (including recycle) \_\_\_\_\_ lbs./Hr. Kg./Hr.
- E. Expected Production Output Rate \_\_\_\_\_ lbs./Hr. Kg./Hr.
- F. Screen Cloth Specifications \_\_\_\_\_
- G. Material discharges to what? \_\_\_\_\_

### III. INSTALLATION INFORMATION and DESIRED MACHINE FEATURES

- A. Space limitations: Height \_\_\_\_\_ x Width \_\_\_\_\_ x Length \_\_\_\_\_
- B. Installation:  Base mounted  Elevated  Cable suspended  Frame / mezzanine mounted
- C. Machine Construction:  Open  Enclosed  Partially Enclosed (If yes, check partials below)  
 Feed Box  Coverlids  Integral Bottom Hopper  Oversize Discharge Chutes  
 Stationary Bottom Hopper Aspiration
- D. Is non-standard positioning of inlets required?  Yes  No (If yes, describe in notes below)
- E. Is non-standard positioning of outlets required?  Yes  No (If yes, describe in notes below)
- F. Motor configuration:  Open  TEFC  Explosion Proof  
 Other \_\_\_\_\_ Volts \_\_\_\_\_ Phase \_\_\_\_\_ Cycle
- G. Does the machine require sanitary codes?  Yes  No (If yes, describe in notes below)
- H. Specify materials for product contact areas:  304SS  316SS  Carbon steel  Aluminum  
 Other (If other, describe in notes below)
- I. Special paint required?  Yes  No (If yes, describe in notes below)



IV. **LABORATORY INFORMATION**

- A. Has this material been previously tested in a screening laboratory?(If yes,  Yes  No approximate date\_\_\_\_\_)
- B. Are you interested in a laboratory screening process test?  Yes  No (If yes, describe in notes below. Approximately 3 cubic feet are required.)

V. **MISCELLANEOUS INFORMATION**

- A. If material is presently being screened, what brand machine is being used?  
Make\_\_\_\_\_ Model\_\_\_\_\_  
Size\_\_\_\_\_ Capacity\_\_\_\_\_  
Screen Cloth Specifications\_\_\_\_\_
- B. Is a Vibratory Screening Equipment being considered for replacement of above machine(s)?  
 Yes  No
- C. The reason for the replacement. Please check all that apply.  
 Poor Screening Performance  Poor Product Quality  Poor Customer Service  
 High Maintenance  Insufficient Capacity  Current Equipment Needs Replacing

VI. **OTHER INFORMATION**