

Date \_\_\_\_\_

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

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

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Your local BPS Representative (if known): \_\_\_\_\_

### 1. OPERATION REQUIREMENTS:

Screen capacity: \_\_\_\_\_ tons per hour total input

Supply to screen is  Uniform  Irregular

Deck size desired: Width \_\_\_\_\_ X Length: \_\_\_\_\_

Method of supplying material to screen \_\_\_\_\_

### 2. PRODUCT:

Material to be screened: \_\_\_\_\_

Test samples being furnished? (1 cu. ft. req'd - send prepaid):  Yes  No  Return  Destroy

Weight per cu. ft.: \_\_\_\_\_ lbs. Angle of Repose: \_\_\_\_\_

Material Characteristics:  Dry  Flaky  Abrasive  Granular  Corrosive  Wet  
 Sticky  Powdery  Hygroscopic  Explosive  Toxic  Fluffy  
 Other (specify) \_\_\_\_\_

Particle Size: Max \_\_\_\_\_ Min \_\_\_\_\_ Moisture Content \_\_\_\_\_ % Material temperature \_\_\_\_\_ °F

Other Comments: \_\_\_\_\_

### 3. SIEVE MESH ANALYSIS OF MATERIAL, if available:

1. \_\_\_\_\_ % retained on \_\_\_\_\_ mesh. 4. \_\_\_\_\_ % retained on \_\_\_\_\_ mesh.

2. \_\_\_\_\_ % retained on \_\_\_\_\_ mesh. 5. \_\_\_\_\_ % retained on \_\_\_\_\_ mesh.

3. \_\_\_\_\_ % retained on \_\_\_\_\_ mesh. 6. \_\_\_\_\_ % retained on \_\_\_\_\_ mesh.

\*If a mesh analysis is not available, please estimate % of product to be retained on each deck.

1st deck \_\_\_\_\_ % 2nd deck \_\_\_\_\_ % 3rd deck \_\_\_\_\_ %

\*Type of process:  scalping  sizing  dewatering

Accuracy requirement: Feed rate \_\_\_\_\_ % Size \_\_\_\_\_ %

Dewatering: Ratio of water to solids by weight: \_\_\_\_\_ % water \_\_\_\_\_ % solids

### 4. CONSTRUCTION DETAILS:

Materials of Construction:  Mild Steel  304 Stainless  316 Stainless  Other \_\_\_\_\_

Frame Paint Finish (specify): \_\_\_\_\_

Type of mounting:  Suspended  Base supported  Base by customer

Type of screen preferred (woven wire, perforated plate, stainless or abrasive steels, wedge wire, removable, etc.): \_\_\_\_\_

Bottom deck:  Fines collection pan  Open

Mesh size desired: Top deck \_\_\_\_\_ Intermediate deck \_\_\_\_\_ Bottom deck \_\_\_\_\_

Screen discharges into \_\_\_\_\_

Special construction features required: \_\_\_\_\_

Permissible downslope of screener \_\_\_\_\_ inches per ft. or \_\_\_\_\_ degrees

### 5. POWER SUPPLY:

Pneumatic P.S.I.: \_\_\_\_\_ C.F.M. Available: \_\_\_\_\_  Electric Voltage: \_\_\_\_\_ Phase: \_\_\_\_\_ Cycle: \_\_\_\_\_

Controls to be NEMA \_\_\_\_\_ rated.  Dust Tight  Water Tight  Explosion Proof

If hazardous area, specify: Class: \_\_\_\_\_ Group: \_\_\_\_\_ Div.: \_\_\_\_\_