



Vibrating Screen & Screener Feeder Inquiry Sheet

To assure correct recommendations on your screening application, please fill in the answers to the following questions and return to the Fabricated Products Division of the Cleveland Vibrator Company, Inc.

Product Characteristics:

Material to be screened (not trade name) _____

Test sample being furnished? (1 cu. ft. req'd) Yes No Return Destroy

Weight per cubic foot _____ lbs. Shape of particles _____

Material characteristics:

Dry Flaky Granular Corrosive Other (specify)

Wet Sticky Abrasive Explosive

Powdery Fluffy Toxic Hygroscopic

Moisture content _____% Material temperature _____ °F

Particle size: Maximum _____ Minimum _____

Operation Requirements:

Screen capacity: _____ tons per hour total input

Deck size desired: Width _____ x Length _____

Supply to screen is Uniform Irregular

Duty cycle: Continuous Hours per day _____

Method of supplying material to screen _____ Screen discharges into _____

Mesh size desired: Top deck _____ Intermediate deck _____ Bottom deck _____

Sieve analysis (particle size distribution) 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

Construction Details:

Construction Material: Mild steel Stainless steel Aluminum Other _____

Vibrator drive position: Standard below deck Above deck Side Mount

Type of mounting: Suspended Base supported Include Base Support Structure

Type of screen preferred: (woven wire, perforated plate, stainless or abrasive resistant steels, removable, etc.) _____

Bottom deck: Fines collection pan Open

Special construction features: _____

Permissible down slope of screener _____ inches per ft. or _____ degrees

Hopper required? Yes No If Yes, Capacity in cubic feet _____

Power Supply:

Pneumatic P.S.I. _____ C.F.M. available _____ Supply Controls

Electric Voltage _____ Phase _____ Cycle _____ Supply Controls → STD or Variable Frequency

Company name _____

Address _____ City _____ State _____ Zip _____

Name _____ Title _____

Phone _____

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