



# SWECO Round Separator Test Questionnaire

Form # Lab-Form-01  
Date Original Issue:  
Rev. Date -



SWECO, A Division of M-I L.L.C.

To Aid us in making reliable recommendations, please submit the requested information. Your process and inquiry data will be held confidential and will not be divulged unless expressly approved by you or your company.

### General Information

Name  E-Mail:   
 Company  Date   
 Address   
 City  State  Zip   
 Phone  Fax

### General Material Information

Material to be Screened   
 Temperature  F C  
 Bulk Density  lbs/cu.ft. g/cu.cm.  
 Spec. Gravity   
 Particle Shape  (Spherical, Crystalline, Fibrous, Elongated, Flaky, etc.)

### Sieve Analysis of Feed (Optional)

Mesh	Micron	% Retained

### Material Characteristics: (Select all that apply)

- Granular     Sticky  
 Powder     Corrosive  
 Abrasive     Free Flowing  
 Electrostatic     Agglomerates easily

### Your Material Handling Practices with this Material / Special Material Handling Notes

### Wet Material Data

Viscous     Sticky     Other  
 Thixotropic     Greasy  
 Liquid Vehicle:  Water     Other  
 Contains :  Fats     Oils     Other  
 Feed Rate  Gal/hr cu.m./hr  
 % Solids    Min.  Max.

### MSDS Information

Health  Flammability  Reactivity   
 Amount of Mat'l to Return for Customer Analysis



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SWECO  
Test-Lab

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### Your Definition of Separation Efficiency

### Efficiency Requirement

### Sweco Separator is to:

- Size     Scalp
- Dedust    Dewater
- Other

Feed Rate   
 lbs/hr    kg/hr  
 gal/hr    tons/hr

### Process Type

- Dry Test     Continuous
- Wet Test     Batch

Current Equipment:

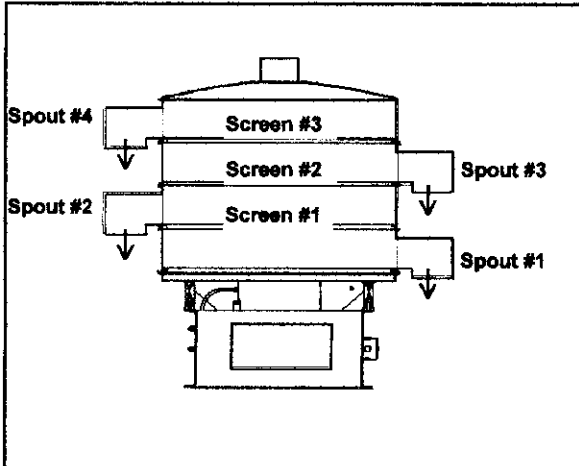
Current Screen Meshes

Reason for Replacement:

Process Before Separation:

Process After Separation:

Fill in the Screen and Spout (i.e. product which comes out of the various spouts) information to provide a visual representation of your process. If you are looking only for a single deck unit (i.e. one screen), provide data for "Screen #1", "Spout #2" and "Spout #1".



### Specific Test Objectives

Screen #1  
Mesh/Microns

Screen #2  
Mesh/Microns

Screen #3  
Mesh/Microns

Spout #1  
Allowable Overs %:   
Allowable Unders %:

Spout #2  
Allowable Overs %:   
Allowable Unders %:

Spout #3  
Allowable Overs %:   
Allowable Unders %:

Spout #4  
Allowable Overs %:   
Allowable Unders %:

Return To: SWECO Lab  
 8029 US highway 25  
 Florence, KY 4104  
 Attn: Dave Abner/Joe Smith  
 Or Fax to: (859) 283-8410

### Additional Process Notes and Comment