

Batch Centrifugal Questionnaire

Enquire No.	<input type="text"/>		
Company Name	<input type="text"/>		
Address	<input type="text"/>		
Phone / Fax No.	<input type="text"/>	E-mail	<input type="text"/>
Contact Person	<input type="text"/>	Title	<input type="text"/>

Slurry Properties

Slurry Name	<input type="text"/>		
Recovered Product	<input type="text"/>		
Feed Rate	<input type="text"/> m ³ /h	Solid Concentration	<input type="text"/> % wt
Temperature	<input type="text"/> °C	Specific Gravity	<input type="text"/>
Viscosity	<input type="text"/> cP	PH	<input type="text"/>
Slurry is;	<input type="checkbox"/> Toxic	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Flammable

Solids Properties

Solids Name	<input type="text"/>			
Type of Solids	<input type="checkbox"/> Amorphous	<input type="checkbox"/> Fibrous	<input type="checkbox"/> Colloidal	<input type="checkbox"/> Slimy
	<input type="checkbox"/> Laminated	<input type="checkbox"/> Crystallin	<input type="checkbox"/> Pasty	<input type="checkbox"/> Other
Throughput	<input type="text"/> m ³ /h	Desired Moisture	<input type="text"/> %	
Washing is required?	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Crystal break is important?	<input type="checkbox"/> Yes	<input type="checkbox"/> No		
Solids are;	<input type="checkbox"/> Toxic	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Flammable	

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Particle Size Distribution :

Micron	Inch	Mesh	% Retained (Cumulative)
355	0.0139	42	<input type="text"/>
250	0.0098	60	<input type="text"/>
180	0.0070	80	<input type="text"/>
150	0.0059	100	<input type="text"/>
106	0.0041	150	<input type="text"/>
75	0.0029	200	<input type="text"/>
63	0.0025	250	<input type="text"/>
53	0.0021	270	<input type="text"/>
45	0.0017	325	<input type="text"/>
		Pan	<input type="text"/>

Liquor Properties

Liquor Name

Viscosity cP Specific Gravity

Density kg/m³ PH

Temperature °C Accepted Solid in Filtrate % wt

Washing

Wash Liquid

Impurity to be Wash

Temperature °C Specific Gravity

Concentration of impurity in the feed % wt

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Desired concentration of impurity after centrifugation % wt

Number of required wash cycles

Separation of wash and mother liquor is necessary?

Yes

No

Centrifugal Operation

Centrifuge Type

Continuous

Discontinuous

Automatic Discontinuous

How Centrifuge is feed?

Recommended Construction Material

Insert Process Diagram

Electrical

Electrical Classification

Control and Power

Voltage V

Frequency Hz

Test Required?

Yes

No

If Yes

At Customer's Site

At Turbinedar Site

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Current Equipment

If you have a centrifuge working on the process, please fill the following section:

Machine Type

Basket Size

mm

Basket Speed

rpm

Cycle Time

minute

Output

Kg/Cycle

Filter Media

micron

Degree of Separation Obtained