

Decanter Centrifuge Questionnaire

Corrosive Condition Yes detail
 No

Slurry Flammability Yes Vapor Pressure at Operation Temperature bar
 No Liquid Flash Point °C
Auto Ignition Temperature °C

Variation in Feed Slurry % W/W max insoluble
% W/W min insoluble

Handling Rate of phases Liquid rate m³/h
Solid rate Kg/h

Type of Duty Continuous Intermittent

Slurry Feed Temperature °C

Solids are abrasive Yes No

Solids are shiny in nature Yes No

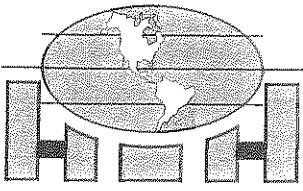
Solids need to be washed Yes No

If Yes Name of rinse liquid

Purity of cake solids after rinse

% Purity of cake solids on dry basis

% Solubles acceptable in cake solids on dry basis



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Machine Requirement

Material of Contact Parts S.S. 304 S.S. 304 L S.S. 316
 S.S. 316 L S.S. 316 Ti S.S. 317
 Duplex Stainless Steel
 Other

Power Volts Hz Phase

Motor Enclosure Drip Proof Flame Proof Totally Enclosed

Motor Characteristic IP 55 IP 54
Temperature rating
Insulation Class Class B Class F
 Others

Inspection Authority by Customer 3rd party inspection Waived inspection

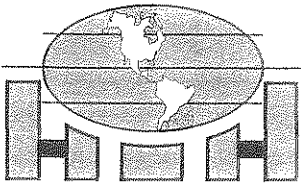
Product Requirement

Max. insoluble solid in discharge liquid % insoluble

Max. liquid accepted in cake solids % volatile

Average Feed rate m³/h

Max. Feed rate m³/h



Effluent treatment application/ Wastewater treatment

Type of Effluent Municipal Industrial Effluent

Component of feed to treatment plant

Nature of sludge Primary Secondary Co- Settled
 Mixed Other

Is the Sludge digested? Yes No

If Yes Anaerobic Aerobic
 Other

Detailed Information of Wastewater Treatment

Influent to Plant	BOD	<input type="text"/>	mg/L	COD	<input type="text"/>	mg/L
	Insoluble	<input type="text"/>	mg/L			
Feed to Primary Clarifier	Insoluble	<input type="text"/>	mg/L			
Underflow of Primary Clarifier	Insoluble	<input type="text"/>	%W/W	<input type="text"/>	<input type="text"/>	%W/V
Feed to Secondary Clarifier	Insoluble	<input type="text"/>	mg/L			
Underflow of Secondary Clarifier	Insoluble	<input type="text"/>	%W/W	<input type="text"/>	<input type="text"/>	%W/V
Feed to insoluble thickener	Insoluble	<input type="text"/>	%W/W	<input type="text"/>	<input type="text"/>	%W/V
Underflow of thickener	Insoluble	<input type="text"/>	%W/W	<input type="text"/>	<input type="text"/>	%W/V

Sludge need chemical treatment? Yes No

If Yes Chemical Added

Point of Addition

Rate of Addition Kg/h L/h