



QUESTIONNAIRE FORM FOR AIR CLASSIFIER

1. CONTACT PERSON INFORMATION

Name/Title:	Company:
Cell phone:	Phone:
Email:	Fax:
Address:	

2. CLASSIFYING INFORMATION

a. Description of Process, Purpose & Industry

Project Type:	<input type="checkbox"/> New Project	<input type="checkbox"/> Conversion/Revamp
Industry:		
Description of Process:		

Material Name:
Chemical Name:

b. Feed Material Property

Internal Moisture (%):	Surface Moisture (%):		
Bulk density (kg/lit):	Specific Gravity (kg/lit):		
Temperature (°C):	Hardness:		
Material Attributes	<input type="checkbox"/> Granular	<input type="checkbox"/> Powder	<input type="checkbox"/> Spherical
	<input type="checkbox"/> Fibrous	<input type="checkbox"/> Platelet	<input type="checkbox"/> Abrasive
	<input type="checkbox"/> hygroscopic	<input type="checkbox"/> Sticky	<input type="checkbox"/> Cohesive, Adhesive
	<input type="checkbox"/> Toxic	<input type="checkbox"/> Heat Sensitive	<input type="checkbox"/> Dust Explosion Risk
	<input type="checkbox"/> Electrostatic	<input type="checkbox"/> Other:	
Feed Particle Size	D97 (µm):		
	D50 (µm):		

c. Process Requirement

Process Rate (kg/h):	<input type="checkbox"/> Feed rate to classifier	<input type="checkbox"/> Production Rate
Production Time in a Day (h):		
Max Product Temperature (°C):	Moisture Content (%):	



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Coarse Fraction of Classifier will be	<input type="checkbox"/> An End Product	<input type="checkbox"/> Sent to Mill
End Product Size Distribution	D97 (μm):	
	D50 (μm):	
	D10 (μm):	
Contamination, Is it a Concern?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, What is max ppm acceptable & Contaminant issue:		
Feed Sample Availability	<input type="checkbox"/> Yes	Product Sample Availability <input type="checkbox"/> Yes

d. Equipment Specification

Construction Material	<input type="checkbox"/> Carbon Steel	<input type="checkbox"/> 304SS
	<input type="checkbox"/> 316SS	<input type="checkbox"/> Other:
Rotor Material:	<input type="checkbox"/> Steel	<input type="checkbox"/> Ceramic
	<input type="checkbox"/> Polyamide	<input type="checkbox"/> Polyamide
Lining Material:	<input type="checkbox"/> Alumina	<input type="checkbox"/> Polyurethane
	<input type="checkbox"/> Other:	
Surface finish:		

3. GENERAL TECHNICAL INFORMATION

a. Existing Equipment Installations

Existing Process	<input type="checkbox"/> Dust Removal	<input type="checkbox"/> Drying	<input type="checkbox"/> Grinding
	<input type="checkbox"/> Open circuit Grinding & Classifying		
	<input type="checkbox"/> Close circuit Grinding & Classifying		
Existing Process Description:			
Existing Mill & Grinding system (Universal Mill, Pulverier, Ball mill...):			
Existing Dust Collector system	<input type="checkbox"/> No	<input type="checkbox"/> Yes	
If yes, Specify Type:	Exhausting capacity:	<input type="checkbox"/> Ex-proof	
If No, Need to quote	<input type="checkbox"/> Dry	<input type="checkbox"/> Ex-proof	<input type="checkbox"/> Wet
Comments:			



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b. Existing Infrastructure

Electric power supply (kW):

Phase:

Wiring on site Voltage (V):

Frequency (Hz):

c. Environmental Condition

Building layout

With roof closed

Only roof

Plan Area Availability (m)

Length:

Width:

Height:

Pit/Depth:

Working Temperature (°C):

Min:

Max:

Average humidity (%):

Other (Please specify)

d. Options

PLC control system

Integration with existing Production line

Cyclone Collector

Bag Filter Collector

Material Cooling System

Material Temperature Control System

Material Drying System

Belt Transmission

Support Structure, Access, ladder

Extra Abrasion Resistance lining

Other (Please specify)

e. Any other specific information & requirements: (may attach separate sheet or files)

Issued by:

Approved by: