

Form for preparation of the trials

To optimally prepare the trials we kindly request you to answer the following questionnaire as detailed as possible. Your data will be handled under strict confidentiality.

1. Contact person

Company:

Address:

Name:

Phone:

Email:

2. Test/Feed material (before mill/classifier)

Scientific description:

Feed particle size distribution:

max. feed size:

x

x

x

Bulk density:

kg/dm³

Feed temperature:

°C

Maximum permissible temperature:

°C

Degree of hardness (Mohs):

Moisture:

%

Fat content:

%

3. Trial and problem specifications

Desired process:

Grinding

Classifying

Required fineness of the target product:

x

x

x

Determination of fineness:

Laser diffraction

Air jet sieve

Sieve tower

Other:

Required output:

kg/h

Required bulk density:

kg/dm³

Additional requirements:

Currently used processing machine:

What problems are encountered?

4. Other product characteristics

Abrasive

Hard or abrasive contaminants

Corrosive

Hygroscopic

Other process influencing characteristics:

5. Information that permits an assessment of the personal safety hazard

To prevent an endangerment of our staff, machines and buildings by your product, we kindly ask you to thoroughly answer the following questions and affirm them with your signature. In the case of hazardous materials, please forward a safety data sheet along with this questionnaire.

The product is:

harmless		
extremely toxic	a sensitizer	a reproductive toxin
toxic	ecological critical	mutagenic
caustic	radioactive	a health hazard
an irritant	carcinogenic	an anaesthetic (drug law)

Recommended protective measures:

Respiratory protection	no	yes, what kind:
Safety clothing	no	yes, what kind:
Eye protection	no	yes, what kind:
Skin protection	no	yes, what kind:

Further recommended action to reduce risks:

Risk of ignition:	no			
	yes, at:	Room temperature	A temperature of	°C
		Contact with		

Risk of explosion:	no	yes, in the following circumstances:
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Risk of dust explosion:	no	yes:	St1	St2	St3
		K _{st} -Value:			bar m/s
		max. explosion overpressure:			bar
		min. ignition energy:			mJ
		min. ignition temperature:			°C
		lower explosion limit:			g/m ³
		critical oxygen concentration:			% O ₂

Signature of costumer

Date, place

Signature and company stamp