

SOLID/LIQUID EXTRACTION PROJECT QUESTIONNAIRE

1. GENERALITIES

Company or client identification

Company	Phone
Email	Fax
Direction	
Name of the project leader	
Name of the writer	
Compound to be valorized	

Other information

Noble product to be recovered:	solid	liquid
Use of the centrifuge with:	single product	multiproduct
BPF/GMP conception exigence:	yes	no
Machine installed in an explosive area:	yes	no
Fully automated machine:	yes	no

2. SOLIDS AND LIQUIDS TO BE TREATED

Information on the solid(s)

Name of the solide(s):

Dry solids flowrate (kg/h): mini maxi medium

Solide density: kg/m³

Residual moisture required: % (residual liquid weight/total wet weight)

Average particle size of the solid :

(If the particle size distribution is known, please attach it to the questionnaire)

Solid characteristics:	toxic	abrasive	O ² degradation
	mineral	organic	

Type of particles (crystalline, amorphous, fibrous...):

Suspension information

Amount of solids in the suspension (% of weight):

mini maxi medium

Flow of suspension to be treated :

Name of the liquid(s) :

Suspension temperature : °C

Cleaning

Cleaning liquid name :

Quantity of washing liquid per kg of dry solids : l/kg

Number of cleanings required :

Cleaning liquid temperature : °C

Characteristics: explosive flammable toxic

3. MACHINE INFORMATION

Construction material

316L

UB6

Alloy C 276

Titanium

Other material (specify) :

Coating:

Halar (ECTFE)

Ebonite

Gaskets:

Nitrile rubber (NBR perbunan type)

Fluorinated rubber (viton type)

Téflon (charged PTFE or FEP)

Separation technology already in use

Type (wringer, decanter, filter press, dryer...):

Model or size of the device:

Performance achieved:

Processed suspension flow :

Flow of dry solids processed :

Residual moisture: %

Cleaning efficiency:



HEADQUARTER

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