

**QUESTIONNAIRE FOR SOLID/LIQUID SEPARATION PROJECT****1 - GENERAL DETAILS**

IDENTIFICATION : Company :..... Telephone :.....  
Address :..... Fax :.....  
..... E-mail:.....  
..... Your name : .....

VALUBLE PRODUCT TO BE RECOVERED : solid  liquid   
CENTRIFUGE TO BE USED FOR : single product  multiple products   
GMP DESIGN REQUIRED ? yes  no   
MACHINE INSTALLED IN HAZARDOUS AREA : yes  no   
MACHINE ENTIEREMENT AUTOMATISEE yes  no

**2 - THE SOLID(s)**

NAME(S) : .....

FLOW RATE OF DRY SOLID (kg /hr) : min  max  average

SPECIFIC GRAVITY OF SOLIDS :  kg/m<sup>3</sup>

REQUIRED RESIDUAL MOISTURE :  % (weight of residual liquid/ total weight of wet solids)

PARTICLE SIZE DISTRIBUTION OF SOLIDS :  Average size  
(If the particle size distribution is known, please include it with this questionnaire)

CHARACTERISTICS OF SOLID : toxic  abrasive  flammable   
mineral  organic

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

**3 - SUSPENSION**

QUANTITY OF SOLIDS  
 IN THE FEED: (% in weight) :                      min                       max                       average

FLOW RATE OF SUSPENSION TO BE TREATED :

NAME(S) OF LIQUID(S) : .....

FEED TEMPERATURE :  °C    °F

**4 - WASHING**

NAME OF WASH LIQUID : .....

PROPORTION OF WASHING LIQUID  
 PER KG OF DRY SOLIDS :   l/kg

NUMBER OF WASHES REQUIRED :

TEMPERATURE OF WASH LIQUID :  °C    °F

CHARACTERISTICS :                      explosive                       flammable                       toxic

**5 - CONSTRUCTION MATERIALS**

316 L                       UB6                       ALLOY C 276                       TITANIUM

OTHER MATERIALS (include details):.....

COATING :                      HALAR (ECTFE)                       EBONITE

SEALS :                      NITRILE RUBBER (type Buna-N)

   FLUORNATED RUBBER (viton type)

   TEFLON (charged PTFE or FEP)

**6 - SEPARATION TECHNOLOGY PREVIOUSLY USED**

TYPE: (basket centrifuge, decanter, filter press, dryer...) : .....

MODEL OR SIZE OF THE DEVICE : .....

 PERFORMANCE : Flow rate of treated suspension :   
 ATTEINTES      Flow rate of treated dry solids :   
                   Residual moisture :       % (weight of residual liquid/ total wet solids weight)  
                   Washing efficiency: .....

**7 - OTHER IMPORTANT DETAILS**

 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....  
 .....

Send this questionnaire by fax or mail to :

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