

QUESTIONNAIRE FOR SOLID/LIQUID SEPARATION PROJECT
固液分离方案问卷
1 - GENERAL DETAILS 一般性问题

IDENTIFICATION 身份: Company 公司: Telephone 电话:
 Address 地址: Fax 传真:
 E-mail 电邮:
 Your name 名字:

VALUABLE PRODUCT TO BE RECOVERED:
 收集的产品为:

CENTRIFUGE TO BE USED FOR:
 离心机用于

GMP DESIGN REQUIRED?
 是否需要GMP设计

MACHINE INSTALLED IN HAZARDOUS AREA:
 机器是否安装在危险区域

MACHINE ENTIEREMENT AUTOMATISEE
 是否要求机器全自动

Solid 固体

Single product
 单个产品

Yes

Yes

Yes

Liquid 液体

Multiple products
 多个产品

No

No

No

2 - THE SOLID(s) 固体

NAME(S) 名称:

FLOW RATE OF DRY SOLID (kg /hr):
 干燥固体流速 (千克/小时)

Min
 最小值

Max
 最大值

Average
 平均值

SPECIFIC GRAVITY OF SOLIDS:
 固体比重

kg/m³

REQUIRED RESIDUAL MOISTURE
 所需残留物水分含量:

% (weight of residual liquid/ total weight of wet Solids) 残留液体重量/湿的固体重量

PARTICLE SIZE DISTRIBUTION OF SOLIDS:
 (If the particle size distribution is known,
 Please include it with this questionnaire)
 固体颗粒的粒度分布 (如已知粒度分布, 请在此注明)

Average size 平均尺寸

CHARACTERISTICS OF SOLID:
 固体特性

Toxic
 有毒

Mineral
 矿物质

Abrasive
 腐蚀

Organic
 有机物

Flammable

Type of particles (crystalline, amorphous, fibrous...):
 颗粒类型 (结晶, 无定型, 纤维)

3-SUSPENSION 悬浮液

QUANTITY OF SOLIDS
 IN THE FEED: (% in weight):
 进料的固体含量 (重量占百分比)

Min
 最大值

Max
 最小值

Average
 平均值

FLOW RATE OF SUSPENSION TO BE TREATED:
 待处理悬浮液的流速

NAME(S) OF LIQUID(S):
 液体名称

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FEED TEMPERATURE:
 进料温度

 °C °F

4-WASHING 清洗液

NAME OF WASH LIQUID:
 洗涤液名称

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PROPORTION OF WASHING LIQUID
 PER KG OF DRY SOLIDS:
 每千克干燥固体中洗涤液所占比例

1/kg

NUMBER OF WASHES REQUIRED:
 需要洗涤的次数

TEMPERATURE OF WASH LIQUID:
 洗涤液温度

CHARACTERISTICS:
 特性

Explosive
 爆炸性

Flammable
 易燃

Toxic
 有毒

5 - CONSTRUCTION MATERIALS 结构材料

316 L

UB6

ALLOY C 276

TITANIUM

OTHER MATERIALS (include details) 其它材料 (包含细节):

COATING 涂层:

HALAR (ECTFE)

EBONITE

SEALS 密封:

NITRILE RUBBER (type Buna-N)

FLUORINATED RUBBER (viton type)

TEFLON (charged PTFE or FEP)

6 - SEPARATION TECHNOLOGY PREVIOUSLY USED 之前使用的分离技术

TYPE: (basket centrifuge, decanter, filter press, dryer...):
 类型: (滚筒式, 倾析器, 压滤机, 干燥机)

MODEL OR SIZE OF THE DEVICE:
 设备型号或尺寸

PERFORMANCE: Flow rate of treated suspension:
 性能: 悬浮液流速

ATTEINTES Flow rate of treated dry solids:
 干燥固体流速

Residual moisture: % (weight of residual liquid/ total wet solids weight
 残留物所含水分 (残留液体重量/湿的固体总重量)

Washing Efficiency:
 清洗功效

7-OTHER IMPORTANT DETAILS 其它重要细节

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Send this Questionnaire by Fax or Mail to

ROUSSELET CENTRIFUGATION SA

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