

DEFINITION OF A SYSTEM SAMPLE COLLECTION



FORRATECHNIC

Echantillonnage / Machine spéciale / Mesure en ligne

1 AMBIENT CONDITIONS OF THE SAMPLING PLACE:

Pressure : Bars
Temperature : mini max
Atmosphere: Normal Little Corosive Very Corosive
Relative humidity : %

2 IMPLEMENTATION OF THE SAMPLING SYSTEM:(provide a diagram of the installation area if possible)

Terms and conditions :

On existing installation On a new project
 In covered premises Open air
To implement: On an existing structure On an independent module

Available energy source:

Protection to be provided: IP55 IP65 Other ATEX Zone or category:
Electricity : 230V Mono 230V Tri 400V Tri 400V Tri + N Other
Pressurized air : Bars Regulated dry air circuit General factory

Sampling points:

On hopper
 On Silo
 On piping
 On Chute

Diameter : mm
Height : mm
Slope :
Section : mm

Tilt: Horizontal Vertical Angle of inclination °

In reactor

Conveyor belt on pier / On a hoverslide

In pneumatic transport

Speed : m/s Bandwidth : mm Speed : m³/h
Speed : m³/h Pressure : bar
Section : mm Air flow : m³/h Product flow: T/h

Provide plan or diagram of the context

3 PRODUCT

Name: Granulometry :

Apparent density : Humidity :

Special characteristic:

Flow: Good Normal Bad

Sloping angle:

Speed : m³/h On section: mm

4 SAMPLE



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Desired volume: By maneuver Per sample pot

Desired sampling frequency:

The strain of the primary sample must be: Return to the circuit Evacuated to an annex

Sample recovery: Pot In bag In specific container

Specify :
Ability Dimensions Fixing method

Provide an existing template if necessary

5 SAMPLE PROCESSING

Division: functioning index

Grinding: desired particle size

Mixing: desired homogenization rate

Measurement / Analysis Granulometry Humidity pH

Packaging: to be specified

Marking: to be specified

Transfer distance: m Pneumatic Mechanical

Storage : On turntable Other specify :

Number of positions:

6 OPERATION

Local order only

Minimum automation operated by operator

Fully automatic

Autonomous

Slave to existing central automation

7 PARTICULARITIES

Product, operation or other (please specify)

After downloading, please complete this questionnaire and return it to us at info@forratechnic.fr