

Wet filtration process survey

Filter mediums survey

Company: _____
 Address: _____
 Consultant: _____ Telephone: _____

Quantity and type of filter installations

Manufacturer + make: _____
 Belt filters: _____ Piece
 Disc filters: _____ Piece
 Vacuum drum filters: _____ Piece
 Horizontal belt filters: _____ Piece
 Horizontal plane filters: _____ Piece
 Press filter machines:
 (tower press) _____ Piece
 Other filter
 installations: _____
 Extracted material: The filtrate The filter cake

Method of operation of the filter

Precoat: _____
 Filter cake removal
 via air: _____
 Filter cake removal
 via heated rollers: _____
 Filter cake removal
 via scraping: _____
 Filter cake removal
 via scraping
 (completely/partially): _____
 Filter cake removal
 via another method: _____

The most important factors are

High filter capacity:
 Clear filtrate:
 Dry cake:
 Good filter cake removal:
 Long service life of cloth:
 Other: _____

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Reasons for switching filter mediums

Mechanical damages:
(such as holes) _____

Clogging of medium: _____

Other reasons: _____

Conditions of operation

Sludge to be filtered: _____

Working temperature: _____ (°C)

pH value of the slurry: _____

Permitted solid content: _____ (mg/l)

Grain size in μ : _____

Filter medium

Quality: _____ Fabric Two-ply fabric Needled felt

Material: _____ Type of fibre: _____

Air permeability
in l/dm²/min
at 20 mm H₂O: _____

Weight in g/m²: _____ Service life of current filter: _____

Dimensions of
filter medium in mm: _____

Type of seam: Clipper
 Spiral
 Fastened in grooves
 Wire winding
 Zip fastener
Other _____

Please attach template if possible.

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Additional information:

Sketch:

