

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.

