

# Questionnaire

## Technical specifications for Questionnaire on filter cloth

### Filter press data

Filter press design:  side beam  overhead beam

Manufacturer: \_\_\_\_\_

Type of filter plate:  chamber  membrane  gasket/leak proof  
 mixed pack  frame

Manufacturer/dwg.-no: \_\_\_\_\_

Filter plate material: \_\_\_\_\_

Number of chambers: \_\_\_\_\_

Slurry inlet:  centre  off-centre  
 corner  both ends

Filtrate outlet:  open  closed

Cloth washing device:  yes  no  
 automatic  manual

Automatic cake discharge:  yes  no

Cake discharge system:  shaking device  tiltable frame short  
 tiltable frame long  scraping device

### Slurry details

Slurry description: \_\_\_\_\_

Slurry content: \_\_\_\_\_

Slurry dry solids content: \_\_\_\_\_ (g/l) \_\_\_\_\_ (%)

Chemical attack: ph = \_\_\_\_\_

Particle size: \_\_\_\_\_ (%) = \_\_\_\_\_ (mm) \_\_\_\_\_ (%) = \_\_\_\_\_ mm  
 \_\_\_\_\_ (%) = \_\_\_\_\_ (mm) \_\_\_\_\_ (%) = \_\_\_\_\_ mm

Types of solids:  amorphous  laminated  fibrous  crystalline  
 colloidal  pasty  slimy  \_\_\_\_\_

Filtration temperature: \_\_\_\_\_ (°C)

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### Operating conditions

Number of cycles: \_\_\_\_\_ (number of cycles/day)

Cycle period: \_\_\_\_\_ (min.)

Dry solids in cake: min.: \_\_\_\_\_ (%) max.: \_\_\_\_\_ (%)

Residual moisture: \_\_\_\_\_ (%)

Cake washing:  yes  no

Added filtering agent: Product: \_\_\_\_\_ (in % of in g/l slurry)

Acidification: Product: \_\_\_\_\_

### Filter cloth material

Manufacturer/product name: \_\_\_\_\_

Raw material:  polypropylene  polyamide  polyester  
 cotton  \_\_\_\_\_

Structure:  monofilament/monofilament  monofilament/multifilament  
 multifilament/multifilament  multifilament/staple fibre  
 staple fibre

Weight: \_\_\_\_\_ (g/m<sup>2</sup>)

Air permeability: \_\_\_\_\_ (l/m<sup>2</sup>/s @ 200 Pa) \_\_\_\_\_ (m<sup>3</sup>/m<sup>2</sup>/h @ 200 Pa)  
 \_\_\_\_\_ (l/dm<sup>2</sup>/min @ 200 Pa) \_\_\_\_\_ (ft<sup>3</sup>/ft<sup>2</sup>/min @ 125 Pa)

Cake discharge:  spontaneous  slow  poor

Life time: \_\_\_\_\_

Backing-/  
 Supp. cloth necessary:  yes  no

### Contact address

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Contact: \_\_\_\_\_

Phono/Fax-No.: \_\_\_\_\_

Email: \_\_\_\_\_

