

GENERAL QUESTIONNAIRE FOR LIQUID FILTERING INSTALLATION STUDY

Company:

Contact:

To advise you properly we need to know some details of your liquid filtering installation.
Please answer the following questions concerning the filtering installation to be studied and how it is used.

Thank you.

1.- Information about the equipment and filter medium

Press filter

Manufacturer:

Model:

Number of plates:

Size of plates:

Size of cloths:

Cloth design

Initial: Single ☐ Double ☐
Intermediate: Double (with collar) ☐ Across ☐
End: Double ☐ Single ☐ Single closed (no holes) ☐

Features of the filter cloth (advisable to attach technical datasheet)

Quality:

Permeability l/min/dm²:

Weight g/m²:

Support cloths: Yes ☐ No ☐ 270 g/m2 ☐ 650 g/m2 ☐

2.- Working conditions of the installation

Industry:

Composition of the material to be filtered:

Working temperature: °C PH of the sludge to be filtered:

Filter in what process:

- ☐ Production and recovery of raw materials
☐ Drinking water treatment plant
☐ Waste water treatment plant

Materials to be separated:

Conditions under which this is done:

Number of filtrations a day:

Frequency of changing the filter medium (months):

Washing of cloths:

Water under pressure:

Dissolution by immersion (composition: alkaline-acid %):

Reason for changing:

- ☐ Breakage ☐ Deterioration ☐ Clogging ☐ Loss of filtering efficiency
☐ Difficulty in cake separation ☐ Others

3.- Components used for treating the sludge

Flocculant used:

- ☐ Aluminium Sulphate ☐ Ferrous Sulphate ☐ Ferric Sulphate ☐ Ferric Chloride
☐ Synthetic polymer

Coagulant used:

- ☐ Aluminium Sulphate ☐ Ferrous Sulphate ☐ Ferric Sulphate ☐ Ferric Chloride
☐ Synthetic polymer

Neutralisation by:

- ☐ Lime soda ☐ Calcium carbonate ☐ Caustic soda ☐ Others

Pre-coating prepared with:

- ☐ Diatoms ☐ Perlite ☐ Calcium carbonate.

What kind of improvement is desired:

Remarks: