

Membrane cleaning protocol

Cleaning survey form

This document is designed to gather the appropriate information to allow Genesys International to design a suitable membrane cleaning protocol for the optimum removal of foulants and deposits.

Section 1: Pre-treatment

Briefly describe existing pre-treatment (filters/tanks/cartridge filters etc):

Section 2: Membrane Details

Element Manufacturer, Model and size:

No of pressure vessels in Stage 1:

No of pressure vessels in Stage 2:

No of elements per pressure vessel:

Can the stages be separated for cleaning?

Section 3: CIP Details:

Cleaning tank volume:

Can CIP tank be heated?:

Filtration system installed in cleaning circuit:

Flux/pressure of recirculation pump:

Is there a suitable supply of permeate for flushing and preparing CIP solutions, please describe:

Contact Details:

Name:

Company:

Telephone:

Email:

Site Reference:

Section 4: Current Cleaning Regime:

Cleaning Frequency:

Membrane Replacement frequency:

Chemicals used and corresponding volumes:

pH and temperature:

Recirculation/soak times:

Flow rates and pressures:

Design parameters – permeate flow, permeate quality and dP:

Effectiveness – recovery of permeate flow/quality and dP after CIP: