kersia
INVENTING A FOOD SAFE WORLD

SERVICE TECHNICAL SHEET

FILTRATIONS

MEMBRANE SYSTEM DIAGNOSIS

Quickly unclog the system so that production can be restarted

Avoid premature membrane replacement and/or aggressive membrane cleaning

Circulation of different detergent solutions: concentrated enzymes and/or enzyme mixes

Monitoring of cleaning parameters to determine return to normal: pressure, flow rates, etc.

Prerequisites

- ☑ Validate installation type: UF, RO, Nano
- ☑ Validate the system's looped volume
- ☑ The service is carried out on a clean installation or at least after a cleaning process.

MEMBRANE MODULE CURATIVE TREATMENT

This emergency curative treatment unclogs a completely or partially clogged membrane system.

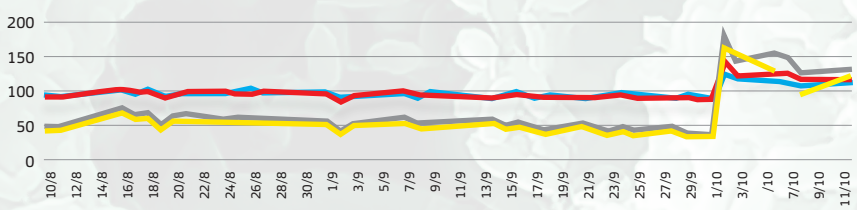
The treatment consists of circulating one or more specific enzymatic solutions to restore the module's production performance.

Example of a standard protocol

Stage	Recommended product*
Complete cleaning	
	DEPTA UF 68L
	FILTERZYM PURE S
	FILTERZYM PURE P
	DEPTA UF 912L
	FILTERZYM PURE L
	DEPTA UF 912L
Rinsing	
Acid step	DEPTAL UF 2 / UF 4
Rinsing	
Inorganic fouling audit	DEPTAL UF 912L
	FILTERZYM A44
Rinsing	
Alkaline cleaning	DEPTAL UF 120L
Final rince	

- Return to a normal situation, allowing production again
- KERSIA recommendation to implement preventive measures avoiding or delaying new clogging

Example of a flow graph requiring punctual adjustment



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