



FILMTEC Membranes Troubleshooting: Membrane Element Evaluation

Cleaning Evaluation

When the permeate flow rate of the tested element is too low compared with the specified value, a cleaning can be tried. Cleaning cannot be successful however, when the membrane itself is damaged, or when the membrane is heavily fouled/scaled (typically when the permeate flow is < 50% of specification).

The cleaning evaluation includes the establishment of cleaning procedures, their realization on membrane samples and subsequent performance testing. The cleaning evaluation may be performed on membrane elements after performance testing or on membrane flat sheet coupons after the destructive autopsy. Cleaning is carried out according to the cleaning procedure described in [Cleaning Procedure \(Section 6.5\)](#).

When the cleaning test has proven effective, the treatment can be applied to the whole RO system.

FILMTEC™ Membranes
For more information about FILMTEC
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Notice: The use of this product in and of itself does not necessarily guarantee the removal of cysts and pathogens from water. Effective cyst and pathogen reduction is dependent on the complete system design and on the operation and maintenance of the system.

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