Sample Selection

When the causes of a plant performance loss are not known, or when they have to be confirmed, one or more elements of the system have to be analyzed individually. The element(s) which should be analyzed are those with a step increase in the conductivity profile.

When there is a general plant failure, a front-end element or a tail-end element should be selected, depending on where the problem is located. Typical front-end problems are fouling problems; typical tail-end problems are scaling problems. When the problem cannot be localized, an element from both ends of the system should be taken.

Sampling a second element from a neighbor position is advisable when cleaning tests are planned. Then one of the elements can be used to analyze the fouling layer and to perform lab scale cleaning tests, the results of which can then be applied to the other element.
**FILMTEC™ Membranes**

For more information about FILMTEC membranes, call the Dow Liquid Separations business:

- North America: 1-800-447-4369
- Latin America: (+55) 11-5188-9222
- Europe: (+32) 3-450-2240
- Pacific (ex. China): +800-7776-7776
- China: +10-800-600-0015
- http://www.filmtec.com

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.

Notice: No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer’s use and for ensuring that Customer’s workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.