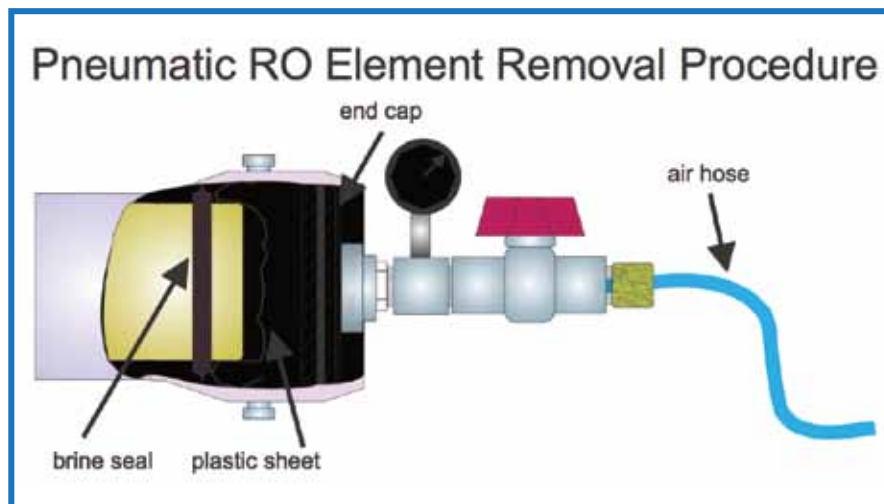


WATER TREATMENT TECHNOLOGY FOR INDUSTRIAL, COMMERCIAL & ENVIRONMENTAL APPLICATIONS

APRIL 2013 - WATER TREATMENT NEWSLETTER

Pneumatic RO Element Removal

There are many methods used to remove RO elements. Removal may be for inspection, repair of o-rings or interconnectors, autopsy or element replacement. A simplified method is described and illustrated. The method uses plant air pressure to move the entire element train through the pressure vessel for removal. The method offers many advantages. These include time savings, reducing the risk of mechanical damage and eliminating possible sources of debris or contamination in the vessels. [CLICK HERE](#) for complete document.



Recovery Well Rehabilitation

Well rehabilitation is often required as mineral incrustation, organic and/or microbiological fouling occurs in the screens or packing of recovery wells. Remediation Services Company has successfully used chlorine dioxide and citric acid to remove iron, calcium carbonate, microbiological and/or hydrocarbon deposits from recovery wells. The attached presentation reviews the chemistry involved and the static surging method used to restore the specific capacities of the treated wells. [CLICK HERE](#) for more information.

FOR MORE INFO:



Kansas Water Tech
kansaswatertech.com



Remediation Services Co.
remediation-services.com

**Recovery wells
are often
fouled with
microorganisms,
hydrocarbons, &
iron deposits.**



Using RO Permeate for Boiler Feedwater – Benefits, Costs & Water Treatment Considerations

The attached document that lists the benefits, costs and considerations of using RO permeate as boiler feedwater. The list can be used as an outline for a cost-benefit analysis of proposed conversions of boiler pretreatment to RO operation. The list can be used to evaluate the costs and benefits of an operating system. Specific considerations for using RO permeate as boiler feedwater are given.

A case history for an RO system used to provide boiler feedwater is also provided. The case history identifies the energy and chemical savings achieved. Visit our website at kansaswatertech.com for complete article.

Troubleshooting an Industrial Water Treatment Problem – “A \$1,000,000 One-Inch Line”

Troubleshooting water treatment problems is often required when well-engineered systems don't operate as planned. Important lessons can be learned when the real cause of the problems are identified. In this case history a small line, originally designed for preheating a waste heat boiler, became the cause of a major costly operational problem. Maybe you have similar stories when you learned lessons from water treatment failures. [CLICK HERE](#) to read the entire case history.

Index of Water Treatment Articles (September 2012 to April 2013 Newsletters)

[CLICK HERE](#) for our index of 7 months of our water treatment newsletter. The index is of 32 articles on many aspects of water treatment. The index consists of articles on Boiler, Cooling water, waste water, Groundwater and Reverse Osmosis. The index will help you in locating articles in which you may be interested. If you have trouble locating the articles please let us know and we will point you in the right direction.

**Kansas Water
Technologies
provides
advanced
mechanical and
chemical water
treatments
designed to meet
our customers'
requirements.**

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