



The Times They Are A-Changin

Situation

An aluminum bottle manufacturer was using multiple on-site regenerated deionized water systems to supply the required cleaning/rinse water for their products. Although automated, the systems required significant operator supervision to maintain quality. In addition, maintenance requirements on the older equipment had been escalating with output quality fluctuating more than ever. System service resulted in frequent manufacturing line shutdowns due treatment system were becoming more frequent. With the existing treatment coming to the end of its useful life, it was time to upgrade to a new system.

Action

Working closely with the Facility Operator and Production Manager, AWS designed a reliable treatment system that would provide a consistent source of high purity water for their application with minimal operator intervention. Two reverse osmosis systems with pre and post treatment were selected and sized to provide a continuous supply of consistent quality high purity water and offer system redundancy and future growth. With manufacturing floor space at a premium, special consideration was required to ensure the systems would fit within the footprint of the prior treatment systems. Removal of the existing system and installation of the new system was critical to the job. AWS worked within the customers scheduled outage and actually finished the job ahead of schedule.

Resolve

The new system has provided a continuous uninterrupted supply of high purity water to the manufacturing lines with no more quality fluctuations or downtime. Maintenance and service shutdowns no longer exist. Operating expenses have been greatly reduced due to the elimination of costly chemicals used to regenerate the deionizers and operator intervention no longer being required.

Visit us at www.allwatersystems.com.