

DI Resin Regeneration



Figure 1: GE's new state-of-the-art regeneration plant



Figure 2: Interior of the plant



Figure 3: Interior of the plant

Challenge

Not All DI Regeneration Facilities Are Created Equal

Our field service experience indicates that most DI suppliers still regenerate their service DI resin with 20-year-old technology. Given the limitations of such antiquated technology, it is no wonder that companies are having trouble meeting the critical quantity and uptime demands of today's specifications.

When was the last time your company conducted a source inspection of its current DI supplier? Chances are this task has been overlooked for many years. Maybe now is the time for a simple review of your own system.

Solution

GE Water & Process Technologies's new state-of-the-art regeneration plant produces the highest quality of regenerated DI resin available today.

Our new resin regeneration facility (Figures 1, 2 and 3) was built with the future in mind. We use the very latest materials of construction and process control technologies available to produce superior products. With such technologies as Electrical Deionization (EDI), PVDF piping and multiple high volume regeneration lines, GE is second to none when it comes to quality and efficiency.

GE patented EDI system virtually eliminates Silica and CO from our regeneration process. As an added benefit, we are also able to significantly reduce Boron from our process by 96%, something our competitors are still trying to figure out.

If you are looking for enhanced quality, low TOC and competitive prices we have the capabilities to



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take your process well into the 21 Century. Our new plant offers:

- The highest quality regeneration service available anywhere
- Multiple stage TOC reduction system (MSTRS)
- Traceable batch documentation
- Standard Operating Procedures ensure highest quality
- The largest capacity in the West
- Local and regional service throughout the Western U.S.
- Competitive rates
- Dedicated batches starting at 30 cubic feet
- Multiple regeneration lines for increased efficiency
- Immediate response
- Emergency Service
- Improve your company's product yield by improving its water quality.