



W A T E R

**Industrial Water Purification
1(800) CAL-WATER**

Deionizer Resin Regeneration Service (Ion Exchange Resin)

Cal Water
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Ion Exchange Resin Regeneration Service

Cal Water is a deionized water resin regeneration service company that is set up to regenerate customer ion exchange resin and deionizer resin for cal Water service tanks. Cal Water can regenerate just about any type of customer's ion exchange resin from 1 to 1,000 cubic feet per day.

A Cal Water truck can pickup exhausted ion exchange resin in super sacks or pressure vessels, regenerate it in the Cal Water regeneration plant, and return it to the customer, ready for use from 8 to 48 hours, depending on customer need.

At Cal Water all ion exchange resins are regenerated in a **computer controlled** regeneration system consisting of Cation and Anion Regeneration tanks, separator tanks, mixing tanks, cleaning tanks, all employed as necessary. Our computer control provides consistent quality at low cost, while storing all regeneration records such as flow rates chemical dosages and timing electronically. This stored data can be retrieved and used to provide QC reports per any customer Need.



Standard Ion Exchange Resin Regenerations

Ion Exchange Resin Regeneration - The Batch Process

CAL-Water uses a computer controlled batch regeneration process for deionizer resin. This method has proven to be the most reliable and cost effective way to treat the regeneration of ion exchange resins.

The deionizer resin to be regenerated is transferred into the appropriate batch regenerator regeneration vessel. The resin is then put through a series of specific computer-controlled regeneration steps, then returned to service pressure vessels or super sacks to be returned to the customer with a verification report as requested.

Cal Water can provide the following regenerations for their customers:

- Cation Resin – Water Softeners
- Cation Resin – Deionization
- Weak Acid Cation Resin – Hardness Removal
- Strong Base Anion Resin - Deionization
- Weak Base Anion Resin - High Capacity Deionization
- Mixed Bed Resin – High Quality Deionization

Please Call for Information
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