

# Demineralizers Questionnaire

## Featuring Eco-Tec

### General Information

First Name                      Last Name                      Phone Number      Fax Number

Email Address                      Date                      Date Proposal Needed      Type of Proposal Budget ( +/- 30%)

Company                      Address                      City

State                      Plant Name                      Plant location

AZ

### Installation Description

Operating Times:                      Hours/day                      Days/week                      weeks/year

### Process Information

Deionized water end use (e.g. boiler feed, electronics, etc)

Minimum water quality required                      umho/cm

Average water quality required                      umho/cm

Maximum allowable silica concentration (SiO<sub>2</sub>)  
mg/l

Water flow required                      Max.                      Min.

Is expansion expected in future? Yes                      How Much?

Do you want system sized to provide extra expansion? Yes

If the proposed equipment is to be used with existing equipment, give details of existing equipment:

Is a D.I. water storage tank currently in place?                      Size

Yes

Is new water storage tank required?                      New Size

Eco-Tec deionizers require deionized water for dilution of regenerant chemicals. If an existing water storage tank is used, please answer the following questions:

Are chemicals added to the deionized water storage tank? Yes

If "NO," can the deionizer be placed next to it to provide a flooded suction to the

regeneration pump? Yes

Is waste neutralization required? Yes

## Water Source - Analysis

Water Source (e.g. municipal, well, river, etc.)

If the feedwater supply is from a source other than a municipally treated supply, please provide details as to what, if any, pretreatment (clarification, filtration, etc.) is done.

Water Analysis. Fax copy of water analysis or complete questions below.

Parameter	Typical Results - Average	Typical Results - Maximum
Calcium -Ca	Calcium Avg.	Calcium Max.
Magnesium -Mg	Magnesium Avg.	Magnesium Max.
Sodium -Na	Sodium Avg.	Sodium Max.
Potassium -mg/l K	Potassium Avg.	Potassium Max.
Aluminum -mg/l Al	Aluminum Avg.	Aluminum Max.
Iron - Total -mg/l Fe	Total Iron Avg.	Total Iron Max.
Iron - Dissolved mg/l	Dissolved Iron Avg.	Dissolved Iron Max.
Manganese -mg/l Mn	Manganese Avg.	Manganese Max.
Lead -mg/l Pb	Lead Avg.	Lead Max.
Copper -mg/l Cu	Copper Avg.	Copper Max.
Chrome -mg/l Cr	Chrome Avg.	Chrome Max.
Zinc -mg/l Zn	Zinc Avg.	Zinc Max.
pH	pH Avg.	pH Max.
Conductivity umho/cm	Conduct. Avg.	Conduct. Max.
Color (Hazen units)	Color Avg.	Color Max.
Turbidity NTU or JTU	Turbidity Avg.	Turbidity Max.
Temperature (Cent.)	Temp. Avg.	Temp. Max.

