

**WATER TREATMENT APPLICATION QUESTIONNAIRE**

**CUSTOMER:** \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
**FACILITY:** \_\_\_\_\_  
Address : \_\_\_\_\_  
City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**CONTACT:** \_\_\_\_\_  
Title: \_\_\_\_\_  
Phone: \_\_\_\_\_  
FAX: \_\_\_\_\_  
E-mail: \_\_\_\_\_

**OBJECTIVE**

- Boiler Feedwater
- Process Water
- Waste Water
- Dialysis
- Other \_\_\_\_\_

**OPERATION**

- Power Generation
- Petrochemicals
- Refining
- Pharmaceuticals
- Other \_\_\_\_\_

- Metals & Mining
- Medical
- Semiconductor Fabrication
- Potable Water

**PROCESS CONSIDERATION**

**WATER SOURCE**

**EXISTING PRETREATMENT**

\_\_\_\_\_ gpm  
\_\_\_\_\_ hours per day  
\_\_\_\_\_ days per week  
\_\_\_\_\_ temperature

- Well
- City
- River/Lake
- Seawater
- Other \_\_\_\_\_

- Oil & Grease Removal
- Suspended Solids Removal
- Chlorine Removal
- Organics Removal
- Other \_\_\_\_\_

**PROJECT STATUS**

- |                        |  |   |  |                                |
|------------------------|--|---|--|--------------------------------|
| Required Delivery Date | <input type="checkbox"/> 3-6 months          | <input type="checkbox"/> 6-12 months          | <input type="checkbox"/> 12 months or longer | <input type="checkbox"/> _____ |
| Required Start-up Date | <input type="checkbox"/> 3-6 months          | <input type="checkbox"/> 6-12 months          | <input type="checkbox"/> 12 months or longer | <input type="checkbox"/> _____ |
| Capital Equipment      | <input type="checkbox"/> Buy                 | <input type="checkbox"/> Lease                | <input type="checkbox"/> Own & Operate       | <input type="checkbox"/> _____ |
| Additional Services    | <input type="checkbox"/> Start-up & Training | <input type="checkbox"/> Turnkey Installation | <input type="checkbox"/> FOB Jobsite         | <input type="checkbox"/> _____ |

**Other**

**WATER CHARACTERIZATION**

CATIONS	ppm as ion	Conver-sion	ppm as CaCO3	ANIONS	ppm as ion	Conver-sion	ppm as CaCO3	Other Constituents	ppm
Calcium (Ca)		2.50		Sulfate (SO4)		1.04		Chlorine	
Magnesium (Mg)		4.10		Chloride (Cl)		1.41		CO2	
Sodium (Na)		2.18		Nitrate (NO3)		0.81		Oil	
Potassium (K)		1.28		Nitrate (N)		3.57		Conductivity	
Iron (Fe++)		1.79		Bicarbonate (HCO3)		0.82		pH	
Iron (Fe+++)		2.69		Carbonate (CO3)		1.67		Suspended Solids	
Barium (Br)				Fluoride		0.83		Organics	
				Silica		2.66		Temperature (°F/°C)	
<b>TOTAL CATIONS</b>				<b>TOTAL ANIONS</b>				Color	

**SITE CONDITIONS**

Floor Space \_\_\_\_\_ L x \_\_\_\_\_ W x \_\_\_\_\_ H  
Door Dimensions \_\_\_\_\_ L x \_\_\_\_\_ W x \_\_\_\_\_ H  
Aisleways \_\_\_\_\_ L x \_\_\_\_\_ W x \_\_\_\_\_ H  
Lifting Capacity \_\_\_\_\_ pounds  
Location  Indoor  Outdoor

**UTILITIES**

Electrical \_\_\_\_\_ Volts \_\_\_\_\_ Amps \_\_\_\_\_ \$KWH  
Plant Water \_\_\_\_\_ pipe size \_\_\_\_\_ gpm \_\_\_\_\_ psig \_\_\_\_\_ \$/1000 gallons  
Plant Air \_\_\_\_\_ pipe size \_\_\_\_\_ cfm \_\_\_\_\_ psig  
Drain Pipe \_\_\_\_\_ pipe size  
Customer to provide for waste neutralization?  Yes  No  
Customer to provide utilities to point of connection?  Yes  No