

# A<sub>2</sub> Water Process Solutions - Application Questionnaire

Contact Info

Company Name: \_\_\_\_\_ Address: \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Contact Title: \_\_\_\_\_  
Contact E-mail: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Site Information

Facility Information:  New Facility  Facility Expansion  Facility Modification  
Equipment Location:  Climate Controlled  Uncontrolled, Inside  Outside  
Site Location (City, State, Country): \_\_\_\_\_ Site Altitude: \_\_\_\_\_  
Average Ambient Temperature (°C): Summer (Low/Hi): \_\_\_\_\_ Winter (Low/Hi): \_\_\_\_\_  
Average Ambient Humidity (RH): Summer (Low/Hi): \_\_\_\_\_ Winter (Low/Hi): \_\_\_\_\_

Chemical Information

Briefly Describe Application (use back if required): \_\_\_\_\_  
Nature of Contaminant:  Suspended Matter  Sand (20-2,000  $\mu$ )  Silt (2-20  $\mu$ )  
 Dissolved Solids  Oil/Grease  \_\_\_\_\_  
pH of Process Fluid: Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
Temperature (°C): Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
List any Aggressive, Oxidizing, or Organic Chemicals in Process Fluid: \_\_\_\_\_

Water Info

Total Suspended Solids (TSS): Nominal: \_\_\_\_\_ ppm – mg/l Maximum: \_\_\_\_\_ ppm – mg/l  
Particle Size Distribution (Strongly Recommended):  Attached  Unavailable  Requested  
Comprehensive Water Analysis (Strongly Recommended):  Attached  Unavailable  Requested

Relevant Operational Information

Wetted Materials Required:  Epoxied Steel  Stainless Steel  Polypropylene  
Process Flow Rate (gal/min): Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
Process Inlet Pressure (psi): Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
Process Outlet Pressure (psi): Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
Piping Connections (size/style): Inlet: \_\_\_\_\_ Outlet: \_\_\_\_\_  
Space Availability: Length: \_\_\_\_\_ Width: \_\_\_\_\_ Height: \_\_\_\_\_  
Is pressurized compressed air available at > 70 psi?  Yes, If so, where: \_\_\_\_\_  No  
Is pressurized clean water available at > 55 psi?  Yes, If so, where: \_\_\_\_\_  No  
Are 110VAC, 2 amps, 60 Hz power sources available?  Yes, If so, where: \_\_\_\_\_  No

Evaporator Info

Is there waste heat available for evaporator?  No  Yes, If so, describe: \_\_\_\_\_  
Temperature of waste heat (°C): Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
Waste heat available (BTU/hr): Nominal: \_\_\_\_\_ Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_  
Is there a 480 VAC power source available?  Yes, If so, where: \_\_\_\_\_  No  
Are there site constraints (noise, footprint, size, etc)?  Yes, If so, what: \_\_\_\_\_  No

