

## CapDI Customer Requirement Survey for Cooling Tower Application

1. Customer Information	
Company name	
Contact name	
Phone number	
Contact email	
Enquiry Date	

### Address

Street address	
Postal Code, country	

2. Cooling Tower Characteristics					
Blowdown limit (max conductivity)		$\mu\text{S/cm}$	Blowdown limit (max TDS)		mg/L of TDS
Max make-up flow		GDP	Average make-up flow		GDP
Cycles of Concentration		-	Evaporation rate		GDP

3. Feed Water Characteristics (make up water)					
Conductivity		$\mu\text{S/cm}$	Total Dissolved Solids (TDS)		mg/L
Feed water temperature		$^{\circ}\text{F}$	pH		-
Total Suspended Solids (TSS)		mg/L	Alkalinity		mg/L as $\text{CaCO}_3$
Chemical Oxygen Demand (COD)		mg/L	Hardness or Calcium		mg/L as $\text{CaCO}_3$
Total Organic Carbon (TOC)		mg/L	Magnesium		mg/L as Mg
Fats, Oils and Grease (FOG)		mg/L	Iron total		mg/L
Water source (e.g. well, river etc.)					

4. Business Case					
Feed water costs		\$/k Gal	Waste water costs		\$/k Gal
Scale Inhibitor (Amount)		lb/yr	Scale Inhibitor price		\$/lb
Biocide (Amount)		lb/yr	Biocide price		\$/lb
Corrosion Inhibitor (Amount)		lb/yr	Corrosion Inhibitor price		\$/lb

Any chemicals added to feed water:

Please add any additional information relevant to your project:

*Discharge limits*  
*Ion specific blowdown/discharge limits*  
*Main cause for desiring CapDI?*