

QUESTIONNAIRE No _____
COOLING WATER TREATMENT

1. General information about the consumer:

Company:	
Address:	
Name, position of responsible person:	
Tel./fax:	
E-mail:	
Date:	

2. Type of systems

Semi-open circulating (with cooling tower)	<input type="checkbox"/>
Totally closed	<input type="checkbox"/>
Once-through	<input type="checkbox"/>

3. Problems:

Scale	<input type="checkbox"/>
Corrosion	<input type="checkbox"/>
Biological fouling	<input type="checkbox"/>

4. Technical characteristics of the systems:

Total water quantity in the system, m³	
Recirculation rate, m³/h	
Temperature ΔT, °C	
Evaporation rate, m³/h	
Origin of make-up water	
Quantity of make-up water, m³/h	
Quantity of blow-down water, m³/h	
The mode and control parameter of blow down	
Maximum skin temperature in the system, °C	
Presence of flow meter on the make-up water line, possibility to receive a pulse or analog signal	

Type of materials in cooling system (steel, stainless steel, copper, brass ...)	
Chemical water treatment in use applied	
Possibility of contact cooling water with food	

1. Main requirements for the chemical water treatment program

Possibility to use heavy metals in the composition of the inhibitor (Zn and others)	
Possibility to use sodium hypochlorite as a biocide	
Preferable method of reagent feeding:	
Fully automatic	<input type="checkbox"/>
Combination (automatically and manually)	<input type="checkbox"/>
Quality requirements for blow down water	
Other requirements	

2. Water parameters:

Parameters	Make-up water		Cooling water	
	meq/l	ppm	meq/l	ppm
Total hardness				
Ca hardness				
P-alkalinity				
M-alkalinity				
Chloride (Cl ⁻)				
Sulfate (SO ₄ ²⁻)				
Phosphates (PO ₄ ³⁻)				
Iron (Fe ³⁺)				
Conductivity, μS/cm				
TDS, ppm				
pH				

Please send the filled questionnaire by mail: info@in-eco.biz. Thank you.