



**Scale Prevention System Application Form**  
**Water Analysis Report**

Name of Company \_\_\_\_\_  
 initiating enquiry: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Client: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 \_\_\_\_\_  
 System name / description: \_\_\_\_\_

**Water**

Flow Rate to be treated: .....

Water Source:      River .....  
                           Town (Municipal) .....  
                           Borehole .....  
                           Seawater .....  
                           Lake .....

Re-circulate        
 or  
 Single pass     

**System**

Water temperature.....  
 Equipment to be protected (e.g. Compressors, cooling tower, water heater) .....  
 .....  
 Material of pipework.....  
 Pipework diameter(s).....

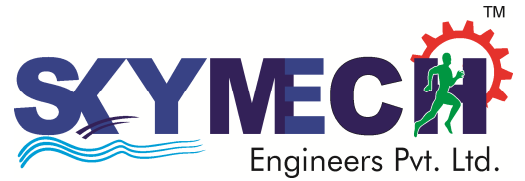
**Application**

Water purpose (e.g. cooling).....  
 Current treatment (e.g. chemical, softening).....  
 Current frequency of descaling.....



**Fluid Dynamics**

Hard water solutions since 1973



*Please include a rough sketch of circuit including;  
Pipe sizes, flow rates, pumps etc.*

<u>ELEMENT</u>	<u>RAW WATER</u>	<u>RECIRCULATING</u>	<u>Example 1</u>	<u>Example 2</u>	<u>Example 3</u>	<u>Example 4</u>
TOTAL ALKALINITY						
CHLORIDES						
SULPHITES						
TOT HARDNESS						
Ca HARDNESS						
pH						
CONDUCTIVITY						



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The following questions are for Re-circulating Systems only, PLEASE DO NOT FILL THIS IN IF ITS NOT NECESSARY.

**Questions for Cooling Towers**

In order for Fluid Dynamics to guarantee effectiveness of large cooling tower systems we will need to ask further questions.

Please can the following information be given on the cooling circuit?

Flow rates: Total flow rate of system: .....m<sup>3</sup>p/h or 1/min or gpm

Estimate make up flow: .....m<sup>3</sup>p/h or 1/min or gpm

Estimate bleed flow: .....m<sup>3</sup>p/h or 1/min or gpm

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Total system pressure: .....bar/psi

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Temperatures: Basin: ..... (degrees C/degrees F)

At heat exchanger/heating equipment: ..... (degrees C/degrees F)

After heating equipment: ..... (degrees C/degrees F)

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If you could describe where the scaling is occurring in the system if any

.....  
.....

If chemicals or a cleaning procedure is taking place

Type of chemicals.....

How often is the system shut down for cleaning.....

When completed please e-mail to [sales@skymechindia.com](mailto:sales@skymechindia.com) or [ram@skymechindia.com](mailto:ram@skymechindia.com)