

ARE YOUR COOLING TOWERS/ HEAT EXCHANGERS AT RISK FOR SCALE/CORROSION?

Scale buildup can reduce heat transfer efficiency, increase energy costs, restrict water flow, and lead to costly equipment maintenance problems corrosion just destroys the equipment.

**DON'T LET
SCALE
IMPACT PERFORMANCE
AND PROFITABILITY.**

P/PM Services, Inc. offers a comprehensive laboratory water analysis to evaluate current scaling and corrosion, as well as understanding your cooling water chemistry.

WE NEED TWO SAMPLES

1 MAKEUP WATER

Establishes the baseline chemistry of the water entering the cooling tower.



2 TOWER WATER

Evaluates the concentrated circulating water to identify scaling concerns and treatment-related conditions.



WHAT'S INCLUDED IN YOUR ANALYSIS?



METALS ANALYSIS BY ICP

- Sodium (Na)
- Iron (Fe)
- Copper (Cu)
- Silicon (Si)
- and additional metals



SCALE/CORROSION PREDICTION

- Calcium Hardness
- Total Hardness
- Sulfate
- Chloride
- M & P Alkalinity



WATER TREATMENT CHEMISTRY

- pH
- Conductivity
- Phosphate
- Phosphonate
- TTA (Tolyltriazole)



**Additional
Testing Available
Upon Request**

WHAT CAN THE RESULTS TELL YOU?



Identify water chemistry that may contribute to scale formation and/or corrosion.



Compare makeup water to circulating tower water.



Evaluate cycles of concentration.



Identify elevated scale/corrosion related chemicals, metals and conditions.



Provide valuable information for water treatment decisions.

COMPLETE TWO-SAMPLE PACKAGE

\$225.00

Makeup Water + Tower Water

**HELP YOUR CUSTOMERS
IDENTIFY PROBLEMS
BEFORE THEY BECOME COSTLY REPAIRS.**

P/PM
SERVICES, INC.

Professional Water Treating
and Analysis plus analysis of
lube oil, refrigerants and more.



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