

HOW CHEM-AQUA CAN HELP YOU

OPEN RECIRCULATION COOLING TOWER

PROBLÈMES

- Scale
- Corrosion
- Biofouling
- Legionella

IMPACTS

- Poor heat transfer
- System wear
- Restricted flow
- Production downtime
- Human Health



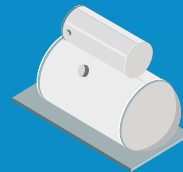
CLOSED RECIRCULATING CHILLED WATER

PROBLEMS

- Corrosion
- Fouling
- Sludge

IMPACTS

- Poor heat transfer
- Clogging
- Equipment wear
- Comfort "hot calls"



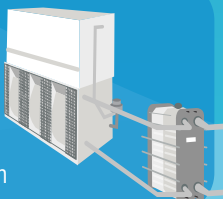
PROCESS COOLING WATER

PROBLEMS

- Scale
- Corrosion
- Biofouling
- Sludge

IMPACTS

- High energy costs
- System failure
- Production downtime
- Production slow down



FEED AND CONTROL SYSTEMS

PROBLEMS

- Poor treatment program
- Improper dosages
- Employee safety

IMPACTS

- High treatment costs
- Poor treatment results
- Lost time



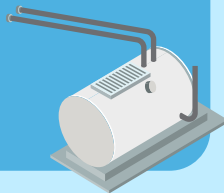
HIGH/LOW PRESSURE STEAM BOILER

PROBLEMS

- Scale
- Corrosion
- Carryover

IMPACTS

- Poor heat transfer
- Tube failure
- Contamination



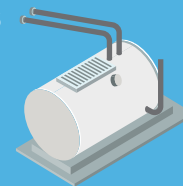
STEAM CONDENSATE LINES

PROBLEMS

- Corrosion

IMPACTS

- Contamination
- Steam loss
- Increased energy costs



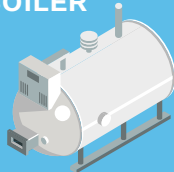
HOT WATER RECIRCULATING BOILER

PROBLEMS

- Corrosion
- Fouling
- Sludge

IMPACTS

- Poor heat transfer
- Clogging
- Equipment wear
- Comfort "cold calls"



HEAT EXCHANGERS

PROBLEMS

- Scale
- Corrosion

IMPACTS

- High temperatures
- Downtime



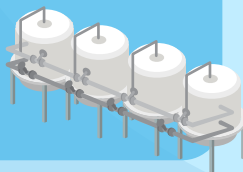
PRETREATMENT SOFTENERS/DEAERATOR

PROBLEMS

- Poor efficiency
- Fouling

IMPACTS

- High treatment costs
- High fuel costs



REVERSE OSMOSIS

PROBLEMS

- Deposits
- Oxidizers

IMPACTS

- Restricted flow
- Membrane replacement



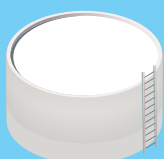
THERMAL STORAGE TANK

PROBLEMS

- Corrosion
- Biofouling

IMPACTS

- System Inefficiency
- Contamination
- System failure



WASTEWATER TREATMENT

PROBLEMS

- Grease/oils
- Heavy metals
- Sludge
- BOD/COD

IMPACTS

- Increased sewage costs
- Waste management fines
- Possible plant shutdown

