



Closed Loop Cleaning Services

Cleaning, Passivation, Filtration,
and Inhibitor Replacement



CHEM-AQUA[®]
SERVICES

Closed loop cleaning achieves reliable, efficient system operation.



Necessary Services

Cleaning is an important part of the water treatment program for closed heating and cooling water loops, for new and existing piping.

If piping is not properly cleaned, oil, grease, dirt, mill scale, corrosion by-products, microbiological fouling, and other debris can

- Form deposits on heat exchange surfaces
- Plug control valves
- Interfere with corrosion control measures
- Prevent water side problems from being kept under control



Carbon Steel Condenser Piping

Energy Conservation

Keeping the piping of closed loop systems clean allows them to operate more efficiently and greatly reduces the potential for energy-robbing deposits.

Once the piping has been properly cleaned, passivation helps rapidly form a protective corrosion inhibitor film on the cleaned metal surfaces. The immediate addition of one or more inhibitor products to the cleaned and passivated system keeps corrosion under control. This results in energy efficient system operation.



Corrosion

Bottom Line Benefits

Regular closed loop cleaning and passivation helps

- Remove debris to keep systems clean and operating at maximum efficiency
- Minimize energy and service costs
- Improve corrosion control measures
- Extend system life

Chem-Aqua Services Can Help

Closed loop cleaning requires specialized skills. Our professionally trained team has the necessary expertise to ensure it is done properly.



Boiler System Piping

For more information or to request a no-obligation quote, contact your local Chem-Aqua Services Representative: 866.766.0134, chemaquaservices@nch.com.