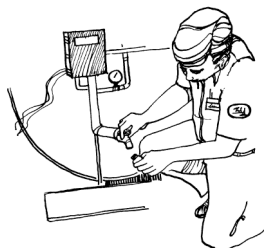
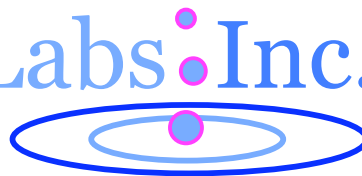


# Closed System Labs Inc.

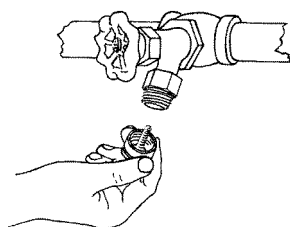
Ensuring longevity with chemistry.



## Drawing A Representative Sample

- Write date on sample bottle label.
- Select valve on a well-circulated line, away from chemical feed.
- To flush valve, open and close 3 times; allow fluid to run 2 seconds each time.
- Open valve again; allow fluid to trickle until appearance ceases to change.
- Fill sample bottle\* *all the way to the top*, cap tightly and close system valve.
- Enclose bottles in mailer, tie strings securely or lock pouch with zip tie; post same day.

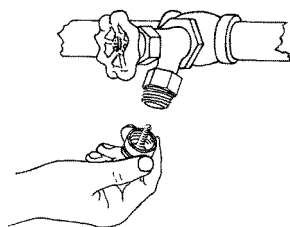
\*Steam boilers: To avoid burning yourself and melting the sample bottle, collect boiler water in sampling cup provided, and allow water to cool 30 seconds before pouring into sample bottle.



## Installing A System Monitor

Every year, we supply a system monitor to track system corrosion, scaling and fouling. After one year of exposure, we examine, grade and archive the monitor.

- Heated/chilled loops: select a valve on the warmest part of a well-circulated line.
- Steam loops: select a valve on the boiler; avoid sludgy or poorly-circulated areas.
- Screw brass cap onto valve; open valve and leave undisturbed.
- Do not remove monitor to draw samples; use another valve for sampling.
- A new monitor will be supplied when it is time to replace this one.



## Replacing A System Monitor

- Close valve; unscrew brass cap from valve.
- Replace old monitor in brass cap with new one.
- Place old monitor in sample bottle.
- Fill bottle with system sample.
- Screw brass cap onto valve; open valve.