

What should I check when re-starting my boiler after layup?

Fall is here and now is the time to ensure your boiler will function safely and efficiently. Below is a list of common things to check when starting your boiler after a layup.

OPERATOR TRAINING

- ☐ Review the boiler system chemical treatment program
 - Purpose, feed method, proper control ranges, and test methods
 - Any concerns contact your chemical treatment provider
- ☐ Review all inventories of chemicals and reagents
- ☐ Review all SDS's for chemicals and reagents

STEAM BOILERS

- ☐ Inspect the boiler operation systems including safety valves, relief valves, and low water cut offs (ensure all are in working order)
- ☐ Test low water cut-off and pressure relief valve
- ☐ Check operating and safety limit controls
- ☐ Review boiler operations with boiler operator
- ☐ Refer to boiler manufacturer's recommendations on above items

WATER TREATMENT

- ☐ Check to ensure that all chemical pumps, controllers, probes, meters and valves associated with the chemical treatment program are in good working order
- ☐ Ensure that operators are trained and prepared to run the water treatment test methods properly
- ☐ Ensure that operators have proper methods of documentation for both water treatment test results and operational data
- ☐ Check Pre-treatment equipment (ie... Softeners, Dealkalizers, RO's, filters) for proper operations
- ☐ Fill boiler with pre-treated water
- ☐ Shock feed with proper amount of chemistries to achieve recommended levels as soon as possible

It is important to review and follow correct procedures when handling your seasonal startup. Taking the time to be thorough improves both safety and performance.

Being proactive with boiler maintenance helps ensure safe and efficient operation.

Taking the time to be thorough during startup can help prevent corrosion and improve heat transfer – saving water, energy and chemical costs.

Do you have questions about your water treatment program? Ask Watertech to help with the waterside of your system.

