

Conclusion

It is evident that the recently implemented change from EDTA treatment chemical program to a polymer/phosphate chemical program has greatly reduced the iron scale inside this boiler in a matter of a few months. However, the thin flaky scale on the water side of the tubes is of some concern. Since pictures from the July 2010 inspection are not available, we must wait on the lab analysis from the scale to determine whether the scale is from the drum of chemical which was accidentally fed a week prior to this inspection or the result of a clean-up of previously deposited scale. In either case, we recommend continuing with the present treatment program and heavily blowing down the boiler (both bottom and surface) upon start-up. The chemical feed pumps should be closely monitored in an effort to prevent another chemical overfeed and the implementation of the boiler controller will greatly improve overall boiler chemicals and parameter control.

Thank you for your business and please let us know if you have any questions about this report.

Water Solutions Engineering