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PRESS RELEASE



Get Ready for Successful Boiler Startup and Operation This Fall and Winter!

This fall is a new opportunity to take advantage of Cortec® corrosion solutions for industrial boiler applications. Whether for successful startup, operation, or temporary shutdown, Cortec® offers effective methods of corrosion protection that are safer and more efficient than traditional (or sometimes non-existent) water treatment strategies.



Start the Season Right with Boiler Egg™

Startup is a critical phase because boiler makeup water is not usually pre-heated, and the operating chemical program has not yet been implemented. To protect against the threat of oxygen pitting at this vulnerable



time, Cortec[®] recently introduced the Boiler Egg[™], a revolutionary and convenient way to bring a boiler back online. The Boiler Egg[™] is designed to scavenge oxygen and passivate metal during the initial filling of makeup water. This easy-to-handle pouch is readily dissolved upon water contact, releasing

the active ingredients as the boiler is being filled. Boiler Egg[™] is non-hazardous by OSHA Standard (OSHA 29 CFT 1910.1200) and can be added to the boiler at startup or left to lie dormant at the beginning of layup.

Replace Toxic Hydrazine with S-15

Once in operation, the normal chemical operating program provides ongoing corrosion protection. For this phase, Cortec[®] offers S-15 as an excellent alternative to toxic hydrazine, which is often used as an oxygen scavenger. S-15 scavenges oxygen throughout the entire boiler system, passivating and protecting the metal surfaces from corrosion both below the water level and in void spaces above the waterline. S-15 can be added to the deaerator or



feedwater tanks for a full range of protection against oxygen that has leaked into the boiler, steam system, or condensate lines.

Easy Shutdown for Boilers in Unheated Environments



While boilers used to heat facilities are typically started up in the fall, other boilers used for steam production purposes may be just going into layup at facilities that have decided to temporarily shutter operations (e.g., due to fluctuating markets or situations like the 2020 COVID-19 lockdowns). If this takes place in a winter climate and the facility will be unheated, dry layup may be the only option to avoid problems with water freezing. Fortunately, dry

layup is extremely easy with Cortec's time-tested Boiler Lizard® (an excellent companion to the Boiler Egg™). The Boiler Lizard® contains Vapor phase Corrosion Inhibitors in a water-soluble pouch that, when slit open and placed inside the empty boiler, emits protective vapors, filling the boiler internals and forming a protective molecular layer on the metal surfaces. When it is time to bring the boiler back online, the Boiler Lizard® simply dissolves as the boiler is refilled, making startup extremely convenient.



These are just a few of the practical options Cortec® has to offer for boiler protection as the fall and winter seasons approach. Contact Cortec® for even more ideas to make your life easier as you get ready for cold weather! <https://www.cortecwatertreatment.com/contact-us/>

Learn more about Cortec® boiler solutions here:

<https://www.cortecwatertreatment.com/products/boilers/>

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