

TRUE SUCCESSES

FIRE TUBE CORROSION ISSUE RESOLVED WITH PURECOAT™ CORROSION INHIBITOR APPLICATION

Challenge

The customer was seeking a cost effective product to treat severe corrosion issues on fire tubes. Tube failures were occurring on average every six to nine weeks. Downtime was causing lost production and increased labor costs to take the vessel out of service for repair.

Solution

PureCoat was selected as the primary treatment after fire tube samples were analyzed in our laboratory. Once the fire tubes were repaired and inspected, a 2 mil film of PureCoat was applied. The application of PureCoat was performed with standard spraying equipment.

Benefit

Since the PureCoat application, fire tube failures have been eliminated for 26 consecutive months and still counting! The life of the fire tube has been extended by over 1,300%. No additional re-applications of PureCoat have been required.

Technical Information

PureCoat™ is a unique patented, binary corrosion inhibitor designed for use in storage vessels and fire tubes in both sweet or sour environments. The film becomes a part of the surface and flexes with the changes in temperature unlike standard epoxy coatings. This film forms a superior bond to the metal surface and minimizes hot spots.

