

CORTEC® NEWS

May 14, 2010

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PRESS RELEASE:

Cortec® Eco Works® Bags comply with new state law.

The State of Minnesota has a new law effective January 1, 2010 that states all composters in the metropolitan area that use bags for compost programs must use only certified compostable bags.



More...



CASE HISTORIES:

Rehabilitation of the Cooling Tower for Repsol YPF-Tarragona Refinery

The deterioration of a concrete cooling tower at the Repsol YPF Refinery had occurred from the aggressive environment; which included heavy thermal gradients and constant humidity changes. Spalling of the concrete occurred...



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Protecting Auxiliary Boilers

The Auxiliary boilers had problems with premature coil failure due to corrosion. Trials were conducted and both boilers were checked at the start and finish of the trial...



Case History

Auxiliary Boilers



Background
The Auxiliary boilers of both T22 Frigates and T42 Destroyers had problems with premature coil failure due to corrosion. MESH IPT approached HITEK-nology Solutions Ltd to provide a solution.

Treatment chosen
It was decided to conduct a minor trial over a period of 6 months between March 2008 and September 2008. HMS Manchester was chosen as it had two relatively new boilers with low usage.



The starboard boiler was chosen as the trial boiler, and was treated monthly with 1 litre of VpCl 649, the fill routine was then carried out for 15 minutes to circulate the treatment throughout the system.

Both boilers were checked at the start and finish of the trial, although some deterioration could be seen in the untreated boiler, no deterioration was evident in the treated starboard boiler. In addition the hotwell (water holding tank) had also been protected, which would also improve the through life of the hotwell incurring even greater savings.

All T22 Frigates and T42 Destroyers are now treated with VpCl 649.

Date
March - September 2008

Customer
MESH IPT

Location
HMS Manchester

Product Used
VpCl 649

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