



Enecon North East News
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ENECON DURAWRAP



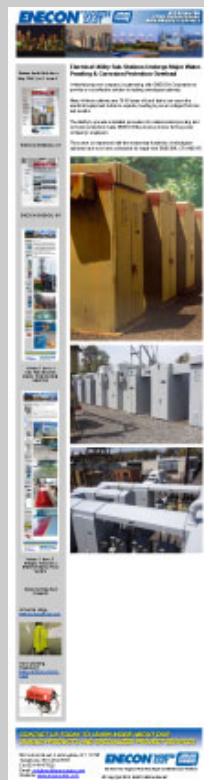
ENECON DURALLOY



ENECON CHEMCLAD XC



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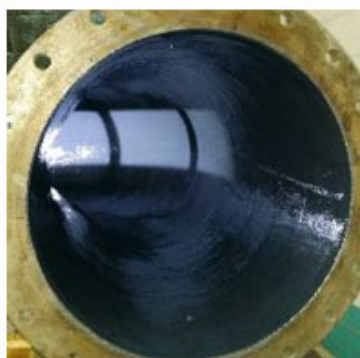
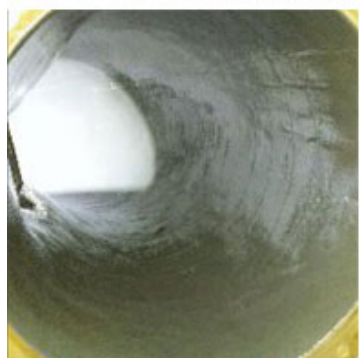
60 Year Old Pump Casings Are Saved By DuraWrap

A major power station had a serious issue with these two 60 year old pump casings. They were in very poor condition – structurally compromised and leaking. ENECON was called in to see if they could refurbish these casings which weighed about 2 tons each. The power station engineers were worried that due to metal fatigue, the casings would no longer be able to withstand the operating pressures and, at some point, they could fail causing catastrophic damage to the turbine.

The casings were grit-blasted and then METALCAD DurAlloy was used to seal the leaks and rebuild all the metal back to the original thickness, shape and contour.

The METLACLAD DuraWrap system was then applied on the interior of the pump casings in order to reinforce and restore their structural integrity.

CHEMCLAD XC was applied over the DuraWrap to provide a smooth surface finish in order to restore/improve the components' pumping efficiency.



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