



Enecon North East News
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DurAlloy



DuraWrap



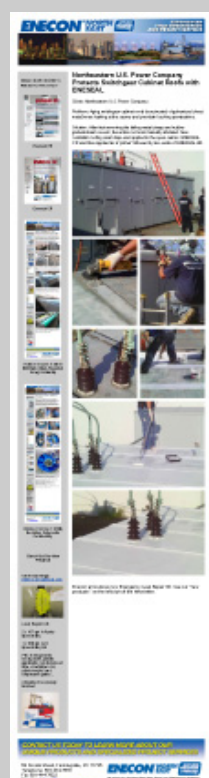
DuraQuartz



ChemClad



Volume 6 Issue 5: Mass Transit Operator uses EneSeal to Stop Leaks



Volume 6 Issue 4: Power Company Protects Switchgear Cabinet Roofs with ENESEAL

Check Out Our New Products

Universal Hinge
www.universalhinge.com



Leak Repair Kit

2 x 167 gm A-Packs SpeedAlloy

1 x 250 gm unit SpeedAlloy QS

Plus mixing board, mixing knife, plastic applicator, reinforcement tape, sandpaper roll, alcohol wipes and disposable gloves...

All packed in a handy tool box!



The Saltwater Booster Pump Inlet and Outlet piping have suffered severe external corrosion due to condensation and water on deck. The facility was looking to extend the life of the piping without having to replace the elbows which are partially imbedded into the concrete deck.



While the systems were offline, **ENECON Northeast APS** built a temporary containment around the piping and accomplish abrasive blasting of the elbows and lower sections of pipe exposed above the deck line. Care was taken to remove corrosion without over stressing the elbows. Once preparation was complete and the spent abrasive is cleaned up, each elbow and any exposed pipe section below the elbow flange was sealed with an application of **ENECON DurAlloy**, a two part, 100% solids (zero VOC), high strength, metal repair composite. This will serve to fill any voids, holes and/or pitting on the components. This was followed by the application of the **DuraWrap** pipe wrap system that is comprised of high strength resins and carbon fiber reinforcement that provides over 120,000 psi of tensile strength to reinforce and protect the piping treated. This application will seal any voids, strengthen the elbow and protect the treated components from further external corrosion damage.

To further strengthen the piping that enters the deck, after the repair work and CF reinforcement was applied the pipe section just above the floor was encased. The concrete deck surface around each pipe penetration was abraded and re-bar pins were installed around each pipe. A temporary wooden frame was built around each location and a five inch high polymeric mortar "pedestal" was created using **ENECON DuraQuartz** to encase the four floor penetrations. This also encased a portion of the lower flange and elbow. The final application included coating all surfaces with **ENECON ChemClad SC** chemical resistant coating system.

The project was completed in three days during a planned plant maintenance outage.

Enecon announces new Emergency Leak Repair Kit. See our "new products" on the left side of the Newsletter.

CONTACT US TODAY TO LEARN MORE ABOUT OUR UNIQUE PRODUCTS AND SPECIALIZED PROJECT SERVICES

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We Solve Your Toughest Fluid Flow Repair and Maintenance Problems

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