



Cooling Tower Pipes Are Salvaged With METALCLAD & ENESEAL



These cooling tower pipes at one of the largest hospitals in northern Louisiana were in a very corroded state. The hospital was considering replacing these pipes at an estimated cost of \$85,000, with considerable downtime. The downtime was the most troublesome issue for the hospital; they needed a solution that would allow them to keep the units operating.

Over the last few years, the hospital had continually painted the pipes, encapsulating the rusting areas unknowingly giving the rust a 'safe' place to live and thrive. After inspection, several sections of the pipes had considerable metal loss and there were also active leaks.

First, SpeedAlloy QS was used to stop all of the active leaks. After all the leaks were sealed, DurAlloy

was then used to repair the areas with major metal loss. DuraWrap Carbon Fiber Pipe Wrap was used to reinforce the areas where the leaks were sealed and the metal loss repaired.

Finally, two coats of ENESEAL CR were applied to all of the pipes, as well as their structural legs and concrete bases, to provide corrosion resistance. All of this work was performed with absolutely no interruption the hospitals operations.

The material cost was approximately 12% of the replacement cost and the labor was approximately 22% of the replacement cost.

ENECON repaired, rehabilitated, and protected all of these cooling tower pipes feeding the hospital for under 35% of the projected replacement cost with no downtime for the hospital.



SpeedAlloy QS stops the leaks.



Repairs made with DurAlloy.



Reinforcing with DuraWrap.



Two coats of ENESEAL CR.

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