



Strengthening Structures | Protecting Lives Worldwide.



Transportation



Buildings



Pipelines



Waterfront



Industry



Project: Concrete Encased Steel Pipe Strengthening at E.ON Energy industry

Location: Connah's Quay, North Wales, UK

Client: E.ON Energy/Costain

Contract Duration: 1 Week/pipe

Concrete Encased Steel Pipe Strengthening at E.ON Energy industry, Connah's Quay, North Wales, UK

E.ON Energy, one of the UK's leading power and gas companies contacted us to survey some 900mm diameter pipes that transfer cooling water from the nearby river to the condensers. The pipes were suffering from severe corrosion and there was a clear risk of failure. Fibrwrap UK designed a carbon fibre strengthening system that was capable of carrying the 3 bar pressure the pipe was originally designed for.

Scope of Works:

- Concrete Repairs and Strengthening of cooling water pipes with 1 layer of Tyfo WEB and 2 layers of Tyfo SCH Carbon Fibre Systems

