

HydraTite Seal

Project: 77.5" Expansion Joints

Application: Power Generation Pipeline

Product: HydraTite Seal

Substrate / Area: Carbon Steel, Prepared and Coated.

Installation: April 2007

The Challenge

The repair of four 77.5" circulating water box expansion joints and two circulating water pump expansion joints.

The Solution

Engineers walked down the project, reviewed drawings and system operating parameters and provided an engineered solution. This solution utilized the HydraTite Seal with three – two piece 316 stainless steel bands, an Extra Wide HydraTite seal and a 16 gauge stainless steel backing plate to provide an internal slip joint repair.

The crew and all materials entered through an existing manhole and were able to complete the system installation within the work window providing significant savings over traditional replacement of the expansion joints.



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