

# Bolt Protection for TNB in Pasir Gudang

Tenaga National Berhad (TNB) is Malaysia's National Power Provider. This was the first of several projects for A&E Systems Sdn Bhd, applying Enviropeel for TNB at the Pasir Gudang (Johor) power station in South Malaysia. The Sultan Iskandar Power Station provides power for the southern part of Malaysia.

This initial project was to provide protection in the Circulating Pump house (Sea Water intake). All nuts and bolts had to be replaced before encapsulating the flanges with 2 coats of Enviropeel E170. A&E Sdn Bhd personnel worked alongside the bolting contractor as they replaced the nuts and bolts.

250 Flanges of various sizes, from 4" to 16" were encapsulated, including some flanges which made from PVC, using approximately 400kg of Enviropeel E170. A TNB appointed coatings inspector checked and passed all aspects of the Enviropeel film integrity and DFT.

All metal structures and pipe supports were coated with Alocit 28.14 and, in an additional project for TNB on ID ducting, all support structures, gratings, handrails and support beams were coated with Alocit 28.14.



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