



CORROSION CONTROL

PROJECT REFERENCE

**POWER
PLANT
MALAYSIA
2018-19**

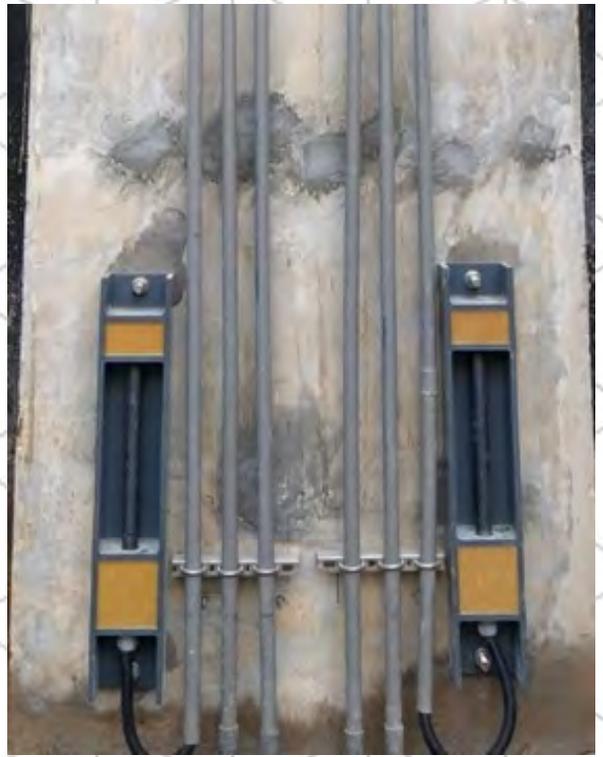




CORROSION CONTROL

POWER STATION CATHODIC PROTECTION PROJECT

Scope :	BAC Corrosion Control secured a contract to design and supply and Impressed Current Cathodic Protection system to a new power plants water intake systems in Malaysia Our brief was to design a system to protect the various band screens, trash racks and pumps in 4 water intake channels. BAC specially designed MMO anodes for wall mounting that withstand the water turbuance within the channels. Each anode cable was brought into a Junction Box and fed back to a multi channel Transformer Rectifier unit with each Zone controllable from permanent Ag/AgCL reference electrodes
Challenges :	Installing anodes and reference electrodes in areas of high water turbulance. Multiple different structures in close proximity all requiring independnt DC power supplies.
Outcomes :	The Infinity Thyristor Control Transformer Rectifiers were supplied with multiple-output channels. All anodes and reference electrodes were securely installed utilising chemical anchor bolts.
Year :	2018-2019
Region :	Malaysia
Equipment Supplied :	Air Cooled Transformer Rectifiers Bespoke MMO Tubular Anodes c/w wall mounted holders Permanent Reference Electrodes Cables Junction Boxes and Test Posts Cable Accessories
Value :	~\$200,000.00



Wall Mounted Tubular MMO Anodes



Permanent Ag/AgCl Reference Electrodes



Multi Channel Transformer Rectifier Units

Please contact SALES@BACGROUP.COM to see how we can assist you in your projects