



CORROSION CONTROL

INDUSTRIAL & PROCESS PLANT

ENGINEERING
&
PRODUCTS





CORROSION CONTROL

Industrial

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Overview

Process plant, refineries, tanks and well casings, whether in the Oil, Gas, Petrochemical, Water or other industry represent a huge investment and are required to operate continuously and safely for their entire design life.

Anything that detracts from this goal is totally undesirable and every endeavor must be made to prevent all occurrences that might jeopardise the safe and efficient running of the plant and operation.

Corrosion is one of the main factors that will affect the running of the plant with the costs for plant shut down, lost production, product loss, environment contamination and loss of customer confidence running into millions of pounds

What BAC can offer?

BAC will provide the insurance against these costs by designing, supplying, installing, commissioning and maintaining cost effective, efficient CP systems that will mitigate corrosion. BAC provide a complete portfolio of corrosion control products and systems to ensure safe and continuous plant inspection.

Engineering & Product Solutions

Should your cathodic protection and coating systems be suffering due to age deterioration or from other causes our Engineering Services team are able to carry out a complete audit and rehabilitation programme.

BAC willingly provide advice and outline system design for cathodic protection of industrial structures. In order to do this, as much of the following information should be provided - the more information supplied, the closer our proposals will be to the final designs:



BAC offer turn key corrosion protection solutions for complex plant infrastructure.



Storage tank CP systems for new and existing structures.



BAC provide ongoing maintenance and monitoring to ensure long service life.



World class CP Power supplies bespoke to your system, manufactured in the UK.



Multi Output Transformer Rectifiers for control over complex plant structures



Typical Deep Well Anode Groundbed Installation



Full remote monitoring and control systems available for instant feedback and visibility

Type of structure i.e. tank base, tank internals

Dimensions

Specification for coating

Earthing

Layout drawings

Classified hazardous areas

Facilities for isolation from other structures

Power supply type and availability

Existing CP Systems

Case Histories and Clients

BAC work with many of the worlds leading plant and process operators and on the most exacting and prestigious of projects , a small example of are shown below

Project	Scope
Southern Swamp Associated Gas Solution (SSAGS)	Design Manufacture Supply of Cathodic Protection equipment
TAP Project (Trans Adriatic Pipeline)	Design Manufacture Supply of Cathodic Protection equipment
Tengizchevroil Future Growth Project- Wellhead Pressure Management Project (FGP-WPMP)	Design Manufacture Supply of Cathodic Protection equipment
Bechtel / BP West Nile Delta Project	Design, manufacture, supply, install and commission of a Cathodic Protection system for > 3000 tubular steel piles on a sea port structure.
Turkembashi International Seaport	Manufacture, supply, of a Cathodic Protection system for 29 Crude Oil Tanks > 100m Diameter & 7 Water Tanks
Petrojet EGPC Tank Farm Project	



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