

ACE

Associated Corrosion Engineering (Contracting) (PTY) Ltd.

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CATHODIC PROTECTION SUPPLIES

In order to provide a complete service to the Cathodic Protection Industry and the end-user, ACE have primary manufacturing capabilities and licensing agreements with technology partners to facilitate the supply of high quality purpose-made products which include the following:

Exothermic Welding Equipment and Consumables:

For reliable, durable conductor-to-pipe connections and conductor-to-conductor connections, a complete range of branded products including:

- A range of machined graphite moulds for all standard conductor and pipe sizes as well as custom connections to customer specification.
- Complete range of mould and conductor cleaning equipment, safety gear, flint-igniters, etc. available in convenient "kit" form.
- Exothermic Welding powders in a range of formulations for copper-copper, -steel, -cast iron connections in various sizes to facilitate connection of different size conductors.
- A range of bonding-straps, silver solder braze-pads, handle-clamps, etc. to facilitate any type of connection.

Petrolatum Tapes and Mastic

A complete range of petrolatum pipe wrapping products including the following:

- Petrolatum profiling mastic
- Petroleum Primer
- Fibrous Petrolatum tapes in various widths and lengths
- Wrapping and Securing Tapes (PVC)

Specialized Cables

In order to meet the rigorous conditions unique to many cathodic protection installations, ACE carry stocks and own specialized tooling for the distribution of a wide range of cables for any application including:

- PVC/PVC 6mm² to 90mm²
- PVC/HMWPE 6mm² to 90mm²
- XLPE/PVC 6mm² to 90mm²
- PVC/HMWPE/PVDF 6mm² to 90mm²
- Various armoured multi-core cables
- Special compounds to specification

Insulating Flanges

Flange insulating sets to internationally recognized specifications and tolerances are made to order to suit any size flange. Flange insulating sets include:

- > Insulating gaskets of nitrile faced phenolic resin, compressed asbestos fibre faced phenolic, PTFE, HDPE, Silica Glass and other compounds for aggressive environments.

- > Insulating bolt-sleeves made from glass-fibre reinforced polyester, silica glass, reconstituted mica, etc.
- > Bolt sets to suit application, available in high tensile steel, plated steel, stainless steel, etc.
- > Insulating washers of phenolic resin, silica glass, mica, etc.
- > Machine-faced thrust washers in cadmium plated steel or stainless steel.
- > Spark-gaps, colour-coding tape, lead seals, etc. available on specification.

Miscellaneous

In addition to the above, ACE manufactures the following equipment:

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| • DC De-coupling devices | • Precast Concrete Products |
| • Polarisation Cells | • Reference Electrodes
(Portable, Permanent and "IR Free") |
| • Silicon Iron Anodes | • Dolphin Remote Monitoring System |
| • Junction Boxes, Resistors, bus-bars,
Test stations, etc | • CP Data Logging Systems |

Please contact us for competitive quotes on any quantity of any item.