



When Risk Matters!

CAPABILITY STATEMENT

Corrosion Protection

Introduction

Eptec is a specialist industrial contractor in Asset Preservation and Rehabilitation. Our expertise is engineered solutions using resin technology to provide concrete rehabilitation, corrosion protection, glass reinforced plastics, waterproofing & linings and thermal insulation.

With offices across Australia, Eptec is positioned to deliver projects in all States and Territories. With a core workforce of over 250 people, Eptec can rapidly mobilise and deploy resources to anywhere in Australia.

The workforce comprises qualified managers and engineers supported by experienced supervisors and permanent employees. One of Eptec's strengths is the use of our own permanent workforce rather than reliance on subcontractors. With skills developed over many years, Eptec guarantees highly responsive, flexible and committed teams ready to undertake projects in even the most remote areas.

Typically Eptec's solutions use the latest resins technology for coatings, cement grouts, epoxy grouts, waterproof membranes, high tech reinforcement such as carbon-fibre and many other innovative and specialised products. Eptec does not manufacture products and can call on the expertise and knowledge bank of all the major worldwide suppliers to assist in providing engineered solutions. We will often participate with manufacturers in the development and application of new products, always with a vision for improving industry techniques and safety and environmental awareness.

Our specialised services are applicable across a broad spectrum of industries including Defence, Water & Wastewater, Infrastructure and Energy & Resources.

Concrete Protection

Corrosion costs Australian industry billions of dollars every year. Corrosion comes in many forms and has many causes but can affect all structures whether they are steel, concrete or other ferrous or non-ferrous metals. When corrosion strikes the results can be costly to repair, catastrophic when structural integrity is imperiled and in some cases risk environmental disaster.

Eptec is leading the way in reducing this cost and risk burden for Australian asset and infrastructure owners.

At Eptec we specialize in corrosion mitigation and protection of steel and concrete structures exposed to corrosive environments. Our close association with all major material suppliers (Australian and International) allows us to assist in the development of solutions to most corrosion problems. Whether the solution to a corrosion problem is a coating system, a flat sheet or cast in lining (HDPE, PVC) or a

Eptec has a proud history of providing corrosion protection services to a wide range of industries, including,

- Transport Infrastructure (Bridges, Wharves, Tunnels, Train Stations)
- Water and Wastewater (Water Treatment Plants, Sewer Treatment Plants, Pipelines, Desalinations plants, Dams)
- Energy and Resources (Power Stations, Mine Process Plants, Mine Equipment, Wind Farms, Storage Tanks, Oil and Gas production platforms and processing plants).
- Marine (Naval and Commercial vessels)

Technical and Management experience in Corrsion Protection

Eptec's team of managers, supervisors and skilled operators have substantial experience in providing Australian Industry with quality, safe and innovative corrosion protection services.

Eptec holds current Painting Contractor Certification Program (PCCP) accreditation for Protective Coating Class 1 – 4, shop and site application, Class 5A & 5B and Class 6, hazardous coatings (lead and non-lead) management. All Eptec project supervisors have been NACE trained to CIP levels 1 and 2.

Eptec corrosion protection managers have decades of experience managing critical and large scale projects throughout Australia.

We have access to all major corrosion protection material suppliers and can tailor solutions for all situations.

This training and depth of knowledge coupled with our Quality, OHS&R and Environmental certification provides Eptec with a solid foundation to provide corrosion protection services throughout Australia.

From remote resource sites to metropolitan water plants to naval vessels afloat, Eptec has the experience, capability and know how to ensure the preservation and rehabilitation of your assets.

Significant Projects

Sino Iron Project

Location : Cape Preston, Pilbara WA

Client : CITIC Pacific Mining Management / UGL

Resources

Scope of Works : Protective coatings to steel and concrete structures with various coating materials, FRP lamination, site fabrication of spools and repair works, grouting, plastic



Viaduct Upgrade

Location : Port Adelaide

Client : Boulderstone Transfield JV

Scope of Works : Encapsulation, environmental controls, lead paint removal & management, repair of steel structures, blasting and protective coating.

Desalination Plant

Location : Sydney

Client : John Holland

Scope of Works : Ultra high pressure water blasting, concrete surface preparation and protective coating application.



Anzac Frigate Project

Location : Williamstown, VIC

Client : Tenix Pty Ltd (for the Royal Australian Navy)

Scope of Works : Abrasive blasting & painting, thermal insulation, sheet metal work, reinforced plastic composites design, supply & installation & ship services to ships 4, 5, 6, 7, 8, 9 & 10.

Spirit Of Tasmania

(I & II (2004, 06, 07, 08, 09, 10, 11)

Location : Sydney, NSW

Client : Thales Australia Pty Ltd.

Scope of Works : Surface preparation & coating of deck & external surfaces, complete external hull coating, superstructure, topsides.



Flinders Street Station, Refurbishment Project

Location : Melbourne, VIC

Client : Connex Victoria

Scope of Works : Abrasive blasting & protective coating, steel work erection, dome roof waterproofing, steel beam strengthening, concrete slab repair, carbon fibre installation, drainage waterproofing, grout injection, epoxy injection.

Capital Windfarm

Location : Bungendore, NSW

Client : Suzion

Scope of Works : Maintenance of the wind turbines including mechanical cleaning, application of protective coating and fibreglass repairs.



FFG Frigate, Upgrade Project

Location : Sydney, NSW

Client : Thales Australia Pty Ltd

Scope of Works : Preparation and coating of external hull, decks & internal areas, hazardous (Zinc-Chromate) coating removal.

Port Pirie

Location : South Australia

Client : Flinders Port

Scope of Works : Abrasive Blasting and Protective Coatings Application to Wharf Structures, Steel Piling and Ship Loading Facilities



Nepean Bridge, Steel Refurbishment Project

Location : Nepean River, NSW

Client : RailCorp, NSW

Scope of Works : Underbridge decking/access system, encapsulation, ultra high pressure blasting, lead paint removal & management, residual washdown recycling, repair of steel structure and protective coating.

HMAS Sirius

Location : Western Australia

Client : Tenix Pty Ltd. (for the Royal Australian Navy)

Scope of Works : Abrasive Blasting & Painting of new module steelwork and the existing ship.



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