



When Risk Matters!

CAPABILITY STATEMENT

Tank Repair

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.



Corrosion Protection



Concrete Rehabilitation



Linings & Waterproofing



Fibre Reinforced Plastics



Thermal Insulation

Our services to Tank Repair

Eptec Pty Ltd has established itself as a specialist contractor for the repair and refurbishment of water and wastewater infrastructure in Australia.

With a depth of specialist personnel, Eptec is able to undertake a range of repair and refurbishment technologies for large tankage and similar structures constructed from steel, concrete or plastics.

Our key services for the tank repair and refurbishment industry include:

- Supply, installation and welding of bonded or unbonded thermoplastic liners fabricated from sheet membranes of PVC, PP, TPO, LDPE
- Dry abrasive blasting for surface preparation and corrosion protection
- High and ultra-high water blasting and vacuum equipment for surface preparation and industrial cleaning
- Experienced applicators and equipment for the application of specialised coatings including polyurethanes, epoxies, cementitious and many others
- Remedial concrete repair in accordance with ACRA Guidelines
- Repair of tank expansion, contraction and construction joints
- Development and testing of repair methodologies and systems
- NACE International certified inspection personnel
- PCCP Certified Company Level 1 - Level 5A&5B
- Eptec is a third party QUALITY certified company to ISO AS/ NZS 9001:2000 Quality Management Systems



Tank Linings

Unbonded Membranes

Cast-in or bonded thermoplastic liners are gaining wide popularity as an alternative to traditional liquid applied coatings for their effective sealing and protection properties.

Eptec Pty Ltd is an experienced contractor in the offsite fabrication and onsite installation of cast-in type thermoplastic sheet membranes, typically HDPE (High Density Polyethylene).

We offer:

- Staff and workers experienced in the welding techniques, equipment, materials and testing systems for the installation of HDPE sheet membranes
- A company that understands and is conversant with international standards applicable to the thermoplastic industry including DVS and ASTM publications
- Personnel trained and certified in thermoplastic weldign processes
- Established processes and procedures for quality and safety applicable to the water industry



Tank Linings

Bonded Membranes

Cast-in or bonded thermoplastic liners are gaining wide popularity as an alternative to traditional liquid applied coatings for their effective sealing and protection properties.

Eptec Pty Ltd is an experienced contractor in the offsite fabrication and onsite installation of cast-in type thermoplastic sheet membranes, typically HDPE (High Density Polyethylene).

We offer:

- Staff and workers experienced in the welding techniques, equipment, materials and testing systems for the installation of HDPE sheet membranes
- A company that understands and is conversant with international standards applicable to the thermoplastic industry including DVS and ASTM publications
- Personnel trained and certified in thermoplastic weldign processes
- Established processes and procedures for quality and safety applicable to the water industry



Tank Linings

Liquid Applied Coatings

With substantial experience in the application of liquid protective coatings by high pressure spray, roller or hand, Eptec Pty Ltd is able to apply a wide of specialist coatings.

We can provide:

- Staff and workers highly experienced in the application of liquid coatings by various application techniques and equipment types
- Experienced and trained workers in high pressure airless spray systems and equipment
- Large inventory of company owned dry abrasive blasting and coating application equipment
- Established processes and procedures for quality and safety applicable to liquid applied coatings



Grouting

Eptec Pty Ltd undertakes a wide of grouting work using both cement based and chemical grouts for various applications including:

- High pressure injection grouting with ultra-fine and micro-cements for waterproofing and sealing applications
- High pressure injection chemical grouting with polyurethanes and acrylates for waterproofing and sealing applications
- Low pressure injection grouting for void filling, rock and soil stabilisation, waterstopping
- Foundation and machine base grouting
- Established processes and procedures for quality and safety applicable to the construction and maintenance industries



Industrial Services

Eptec Pty Ltd is able to provide a range of industrial services to the civil infrastructure sector including:

- Ultra High Pressure Water Blasting (40,000psi)
- Vacuum Loading & Unloading
- Tank Cleaning
- Hydro-demolition
- Emergency Spill Response
- Confined Space Entry
- Hazardous Atmosphere Work
- Sludge Removal
- Painting & Abrasive Grit Blasting
- Corrosion Protection
- Plant Maintenance & Shutdowns

Eptec owns, operates and maintains a fleet of equipment with a team of trained specialist personnel. Our industrial services equipment includes:

- Ultra High hydro blast units
- Medium Pressure hydro blast units
- Vacuum Loading Units



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