



**EPTEC**

Asset Preservation  
& Rehabilitation

*When Risk Matters!*

# INFRASTRUCTURE SOLUTIONS OVERVIEW

## WHAT WE DO

Eptec Infrastructure Solutions is a specialist in Asset Preservation and Rehabilitation concentrating on infrastructure assets across a range of industries. Our services are based on the application of our core expertise in resin technology to solve complex problems.

Eptec carries out wet/dry abrasive blasting, hydro-blasting, grouting, concrete remediation, spall repair & strengthening as well as waterproofing via spray, sheet membrane or chemical injection.

Eptec is third party certified by BVQI for Quality, Health & Safety, Environment and Social Responsibility. Furthermore Eptec is PCCP certified with CSIRO up to level 6 which ensures we are equipped for the removal of hazardous coatings.

## WHO WE DO IT FOR

Eptec Infrastructure Solutions operates across a range of industry sectors:

- Buildings & Facilities
- Energy & Resources
- Transport & Infrastructure
- Water & Wastewater

We often work as the prime contractor or sub-contracting to primes.



## Buildings & Facilities

Our range of services allows Eptec to offer a one-stop shop for Building & Facility renovation and refurbishment. We have numerous examples of major works including Flinders St Station (VIC), Central Station (NSW), Willamtown RAAF Base (NSW), Larrakeyah Barracks (NT) and Custom House (NSW).

Eptec can offer complete solutions to building owners & agents to support the increasing renovation of aging buildings to maximise their asset value or change of use.

Combining our skills in concrete repair, corrosion protection and waterproofing, with our experience of managing subcontractors, Eptec is well positioned to manage any size of building refurbishment.



## Energy & Resources

The Energy & Resources sector offers considerable scope for Eptec's services. Typically corrosion control is critical on mining sites, power stations, processing facilities. The highly corrosive environments of mines and processing plants has also provided considerable opportunities for FRP/GRE site installation work.

Major projects have included Sino Iron (WA), Santos CSG Pipelines (QLD), Kalgoorlie Consolidated Gold Mine (WA) and Capital Windfarm (ACT).

Whilst new development in the mining sector has declined, the abundance of recent investment in this sector has inevitably lead to significant future maintenance and shutdown work as these facilities age.



## Transport & Infrastructure

Asset Preservation is critical to sustaining the useful life of infrastructure. With the population growth on the East coast placing increased demands on existing transport infrastructure, Eptec has worked closely with large infrastructure owners and major prime contractors.

This has proved successful in respect to Road and Rail bridges where typically Corrosion Protection and Concrete Remediation is required.

In particular, Eptec has developed innovative solutions to facilitate the preservation of bridges whilst maintaining live running of trains or traffic.

With the future plans for extensive tunnels in the Sydney greater metropolitan area, our knowledge and ability to operate around live operating environments can be of great value to the Transport sector.



## Water & Wastewater

Our experience in the Water and Wastewater sector is considerable.

Major Projects have included desalination plants in Sydney, Melbourne, Adelaide, and Karratha, Ultimo Carrier sewer for Sydney Water, Cronulla Sewerage Treatment Plant upgrade (NSW) and Mt Crosby pipeline refurbishment (QLD).

The sector is particularly aligned to our range of services. Large facilities require corrosion protection, concrete remediation, waterproofing, linings and FRP/GRE piping.

The critical nature of these facilities dictates that continuous maintenance and preservation is required.

## Our Safety Promise

Health Safety & Environment (HSE), sometimes referred to as Occupational Health and Safety (OHS), is vitally important in all of Eptec's projects. Every one of our employees has the right to work in a safe environment, and we ensure safety is their number one priority on site.

Our safety promise helps our employees to achieve a healthier and safer workplace. It also shows our clients and the community that we are committed to health and safety in a meaningful way.

We want to help create a culture where all people take personal responsibility for their own safety and look out for others. This includes talking openly about why safety matters and what we can do together to constantly improve it.

Eptec strongly believes that a good business is a safe business.



*When Risk Matters!*

If you require any further information or if you have any queries, please contact the Eptec head office.

[www.eptec.com.au](http://www.eptec.com.au)



## History

Eptec was founded in 1997 in Sydney with a team of experienced staff who had already developed decades of experience on major infrastructure and defence projects in the niche markets of corrosion protection, concrete rehabilitation, waterproofing, and fibre glass with one of Australia's leading construction companies.

Eptec has a strong history in service projects dating back to Port Kembla Copper in 1998.

In 1999 Eptec approached Transfield, the constructors of the City Link Domain and Burnley tunnels in Melbourne, with a waterproofing proposal. Through this, Eptec successfully established itself as a credible specialist contractor in the infrastructure waterproofing industry.

One of Eptec's first international projects was the waterproofing of the Taiwan High Speed Tunnel in 2002. This project was completed with both local and international suppliers, whilst working in close liaison with the client.

In preparation for the Melbourne Commonwealth Games, in 2005 Eptec won the

contract for the refurbishment of Flinders Street Station in Melbourne, Victoria. This became one of Eptec's most significant projects as it allowed us to demonstrate all our capabilities; blasting & painting, waterproofing membrane, chemical injection, grouting and carbon fibre strengthening.

Eptec also completed works for Sydney Desalination Plant, NSW, in 2008. This project was completed over several stages and involved hydro-blasting, crack injection and concrete coatings to over 40,000 sqm of various concrete structures.

In 2010 Eptec was awarded the Sino Iron Desalination Plant Project in North-West WA, which is still one of Australia's largest magnetite mining and processing plants. Work was carried out under strict environmental controls, with HSE factors all highly prioritised.

Today, Eptec has become an established presence across a range of industry sectors which include Naval Defence & Marine, Buildings & Facilities, Energy & Resources, Transport & Infrastructure and Water & Wastewater.

## Capabilities

### Specialist Engineering Contractor

Typically Eptec operates as a contractor to either the Asset owner or Prime Contractor. Our contracting capabilities noted below ensure Eptec is well positioned to support the delivery of projects and minimise risk.

### Project Management

Project management is at the centre of everything Eptec delivers. Every contract is assigned to a Project Engineer to ensure schedule/cost is tightly controlled. On larger projects, Project Offices are established with staffing to provide Project Management, HSE Management and Site Administration.

### Multi-Skilled Workforce

As a result of employing its own permanent workforce, Eptec is able to multi-skill employees in the full range of services it provides. This greatly improves both the efficiency and effectiveness of Eptec teams on large projects.

### Flexible & Rapid Deployment

Eptec has built a reputation over many years for

its ability to rapidly mobilise and deploy significant resources to often remote locations without relying on Labour Hire or Subcontracting companies.

### Independent Engineering Function

Eptec is independent of any material or product suppliers and employs its own Senior Engineers with many years of experience in the industry. This in-house capability ensures Eptec is able to enhance or suggest alternative solutions to more complex problems.

### Contract Discipline

Our experience and in-house contract management capability ensures a professional contracting discipline and an ability to manage the demands and risks associated with large and complex contracting arrangements.

### Accreditations

Eptec is fully accredited for its Safety, Quality and Environmental Management System. The Eptec Management System underpins everything that we do and ensures a consistency of delivery on every project. Eptec also holds many specialist industry accreditations and certifications.

## Contact

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