



DeTECHT

Capability Statement

Complete Corrosion Engineering Services



INNOVATIVE CORROSION MANAGEMENT
FOR A SUSTAINABLE FUTURE

Overview

DeTECHT is a division of TECHT that specialises in **CORROSION ENGINEERING CONSULTANCY**. The aim is to provide a fresh, objective approach to defining and solving corrosion issues. The highly qualified team is experienced in all corrosion related services producing industry leading results. Our engineers aim to identify the issues, define the root cause then provide cost effective repair options base on priority.

DeTECHT Services

✔ Asset Condition Inspections

- Concrete Structures
- Steel Structures
- Tanks & Vessels
- Plant & Buildings

✔ Sustainability in Design

- Sustainable Material Selection
- Durability Assurance (new and built assets)
- Structural Asset Maintenance Engineering
- Corrosion Training

✔ Failure Analysis

- Root cause analysis
- Expert Witness Testimony
- Analytical testing & Analysis
- Microbially Influenced Corrosion

✔ Remedial Scoping and Specification

- Feasibility option reporting
- Scope of work compilation
- Tender services
- Repair Specification Development

✔ QA/QC Inspection

- Site Remedial Project Management
- Coating inspections
- DT & NDT inspections

✔ Specialised Drafting

- 3D visualisation
- Design documentation
- Condition Survey
- 3D Scanning

“TECHT engineers undertook a range of inspections that satisfy our statutory internal and external asset inspection requirements, to a high standard”

– Maintenance Planner

“Structural integrity items encompass structural steel and concrete structures that are designed to last for the life of the operation. When the life of mine is extended, action needs to be taken. TECHT engineers assisted in setting up the Structural Integrity Reliability Program at our plant to ensure our structures are fit for purpose for the extended life”

- Maintenance Manager


Industries

We provide our services to a wide range of industries, including:

 Mining & Resources

 Marine & Water Infrastructure


 Industrial Plants

 Energy

 Commercial Properties

 Transport

 Defence

 Oil & Gas

Certifications & Associations

TECHT is associated with the following industry bodies:

AMPP Association for Materials Protection and Performance

ACA Australasian Corrosion Association

ACRA Australian Concrete Repair Association

PMI Project Management Institute





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