



## Overview

Vinsi Partners has sound experience and expertise in many facets of engineering including structural and civil design, planning, analysis, modelling, testing, asset assessments, forensic engineering and project administration.

Our reputation is built on a platform of efficient project co-ordination, meticulous attention to detail and innovative design solutions with our services tailored to optimise the life cycle and reduce overall maintenance costs of buildings & structures.

Vinsi Partners staff have a track record of delivering design engineering on varied projects from industrial, water, marine, infrastructure, commercial and residential. We have a collaborative and proactive approach and an understanding of closely working with key stakeholders throughout all phases of a commission.

Vinsi Partners takes great pride in the knowledge that our engineering advice is independent without any conflict of interest associated with the supply of materials, equipment or laboratory testing services.

## Our Engineering Service Advantages

1. Innovative designs.
2. Life cycle optimisation of structures and buildings.
3. Cost certainty.
4. Smooth project delivery.
5. Consultative based approach.
6. Predictable maintenance actions and costs.

## Our Engineering Services

### 1. Design

- Concept design.
- Structural design.
- Civil design.
- Structural upgrades.
- Structural strengthening.
- Detail drafting.

### 2. Structural Assessment

- Structural risk assessment.
- Condition audits.
- Expert inspection and technical reporting.
- Dilapidation surveys.

### 3. Forensic Engineering

- Investigation and failure analysis.
- Expert inspection and testing.
- Legal and forensic reporting.

### 4. Analysis and Modelling

- Finite element analysis.
- Specialist corrosion modelling.
- Durability analysis and modelling.

### 5. Project Administration

- Contract management.
- Contract documentation.
- Specifications provision.
- Technical support.

### 6. Maintenance

- Specifications or guidelines for maintenance.
- Specialist inspection, testing and monitoring support.
- Specialist monitoring equipment considerations.
- Provision of ongoing technical assistance.

## Our Engineering Clients

Our experienced and well credentialed staff have serviced clients Australia wide in sectors including: - Mining, Maritime, Water and Wastewater, Industrial, Manufacturing, Infrastructure, Heritage, Government Authorities, Architects and other Consulting Engineers.