

Izzat Corrosion & Asset Control

Izzat Corrosion & Asset Control offers consulting and asset control of the built environment. The largest proportion of the Australian and New Zealand population resides and does business on the seaboard fringes.

We have planned and developed corrosion services related to these structures.

We have Australasian wide experience & expertise in corrosion consulting and management for a variety of structures including office and residential apartments, chemical, oil processing facilities, power generation, waste disposal, food processing, manufacturing, mining, infrastructure and materials handling.

Our services are designed to optimise the life cycle and reduce overall maintenance costs of buildings & structures. Professional consulting services are supported by private corrosion-specific computer systems that result in well-presented management reports aimed at improving the quality of maintenance management.

Corrosion Consulting & Asset Control Services

1. Corrosion / Structural Audits

- Database software used to consider repair inspection program and cash flow
- Expert inspection of defects

2. Corrosion Assessment

- By sampling, observations, field and laboratory testing of various materials
- Testing and sampling concrete by coring, collecting dust, carbonation tests, inspecting reinforcement after breakout, measuring half cell potentials, reinforcement cover survey, and delamination and spalling surveys

3. Inspection / Audit Database

- Database software use to consider risk exposure
- Expert inspection of corrosion issues

4. Remedial Works

- Material & Coating Selections
- Specification Provision
- Tender Review Assistance
- Superintendent Services / or Superintendent Support

5. Forensic Engineering

We offer services in Forensic Engineering, Corrosion & Asset Management for:

- Commercial / Apartments / Residential buildings
- Bridges / Industrial Structures / Mining
- Marine / Wharf structures
- Process Plants

Our Service Advantages

1. Increase the life cycle of structures & buildings
2. Improve the quality of structure management
3. Reduce maintenance costs
4. Minimise down-time during maintenance
5. Establish predictable maintenance costs
6. Initiate accountable maintenance management
7. Develop responsive maintenance techniques

Project Types

Structural Audits

- Initial appraisal
- Detailed / thorough investigations

Corrosion Audits

- Corrosion mechanism
- Corrosion rates
- Structural evaluation of corroded structure

Structural / Corrosion Investigations

- Corrosion audits with structural evaluations
- Detailed concrete investigations

Protective Coatings

Cathodic Protection / Prevention

