

**Codex Integrity Limited** provides organisations within the energy, process chemical and marine sectors with corrosion engineering support, in conjunction with our integrity management services. This support includes:

- Design Review and Appraisal
- Corrosion Risk Assessments
- Corrosion and Chemical Treatment Optimisation
- Coating System Appraisal
- Campaign Surveys
- Performance Management
- Corrosion Management Systems; Auditing
- Material Selection and Weld Procedure Approval
- Corrosion Awareness Training
- Cathodic Protection System Selection and Testing
- Anomaly Management and Rectifications
- Continual Improvement

### **Why use Codex Integrity Limited?**

We have a very experienced engineering and technical staff who fully understand the importance of implementing bespoke frameworks to manage asset integrity, and a key element is corrosion engineering. Our experience managing day-to-day inspection activities requires high quality corrosion assessments, critical to forming the basis of risk based inspection.

We can develop site specific, integrated corrosion management strategies but also have the experience and practicality to implement these strategies. A key capability is the training and competence to conduct risk assessments, which provides the basis for demonstrable, auditable and effective risk based programmes.

### **Our Services**

Codex Integrity's corrosion engineering competencies and experience allows a wide range of value-adding services, including:

- Corrosion Policy and Strategy
- Corrosion Management Systems
- Corrosion Degradation Assessments
- Corrosion Rate Calculation
- Corrosion Risk Assessments; Risk Profiling
- Risk-Based Written Schemes of Examination
- Chemical Injection Review
- Corrosion Monitoring
- Data Analysis
- Remnant Life Surveys
- Anomaly Management
- Corrosion Management Key Performance Indicators
- Performance Management; Lessons Learned





### **Potential Benefits**

Our clients benefit from:

- Increased confidence of their asset's safety
- Improved understanding of their risk profile
- Improved plant performance and profitability
- Improved chemical injection performance, effectiveness and cost
- Optimised mitigation, inspection and repair costs
- Successful corporate and regulatory audit performance
- Fully documented and demonstrable corrosion management
- Improved corrosion awareness

### **Ad-hoc Integrity Support Services**

Although there are significant benefits of embedding Codex Integrity Limited within a clients' organisation, we are also very effective when providing ad-hoc support, including:

- Design Reviews
- Corrosion Management Effectiveness Audits
- Failure Investigations
- Material Selection Guidance
- Corrosion Under Insulation, Dropped Object, Bolting; Fabric Maintenance surveys
- Fabric Maintenance Activity Planning, Execution and Performance Management
- Vendor Audits
- Integrity, Inspection and Corrosion Awareness Training

#### **For further information please contact:**

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