

**ASSET INTEGRITY
DIVISION PROFILE**

JST



JST ASSET INTEGRITY DIVISION

Our Mission is to be the premier provider and supplier of Corrosion Control Products, Services and Solutions within The Kingdom of Thailand and Greater South East Asia Region and in doing so ensuring that our clients' expectations of Quality, Service and Performance are always exceeded.

JST operates major offices in Thailand (4 Locations), Bangladesh and Vietnam and through representative, Brunei, Cambodia and Myanmar, placing us in the middle of the developing South East Asian oil & petrochemical base with easy and fast access to all parts of the region.

At JST we are justifiably proud of our capability to assess investigate, design, supply, install and commission cost-effective corrosion control solutions. All Products Services and Solutions offered exceed the requirements of our clients specifications and national & internationally recognized codes and standards such as those of the National Association of Corrosion Engineers (NACE) and British Standards Institution.

All activities within JST are constantly monitored by our Quality Assurance and Quality Control personnel to ensure that the very highest levels of quality, service and performance are achieved throughout the Group's and Division's operations.

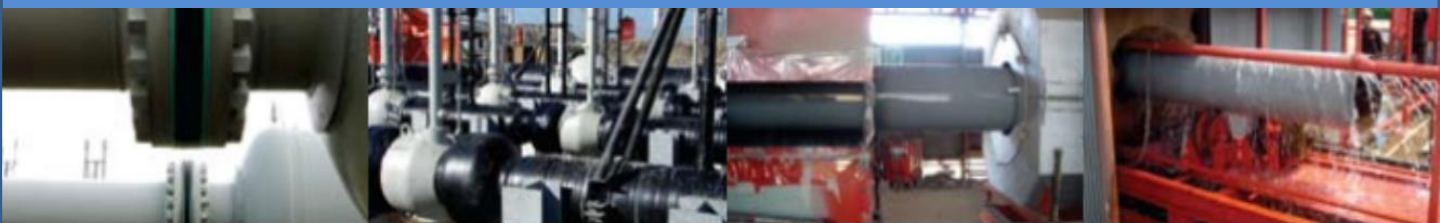
THE TRUE COST OF CORROSION

Corrosion is a destructive process, often difficult to identify until deterioration is well advanced. Its effects may be catastrophic, but if considered at the appropriate time it can be economically managed and controlled through the properly determined application of corrosion monitoring, cathodic protection, protective coatings and corrosion control services.

If corrosion is considered to be inevitable, so also are:

- Health hazard associated with consequent corrosion induced failure of plant and facilities
- Continuous damage to plant, structural assemblies and other equipment
- Untimely shutdowns for repair or replacement
- Damage of the environment
- Product loss
- Operating efficiency loss
- Plant and equipment over design
- Unfavorable publicity associated with hazards to the public and/or our environment

“ Effective Corrosion Control is Fundamental, where Safety, Protection of the Environment and Continued Long Life are Essential. ”



APPLICATIONS

JST specializes in providing a wide range of corrosion control products, services and solutions for all industrial applications such as:

Pipelines (On- and Offshore): Oil and Gas, Petrochemical, Water and Aqueous Fluids Chemicals.

Storage Tanks and Vessels: Internal Surfaces and External Surfaces Bases Undersides.

Production Facilities: Production and Storage, Oil, Gas and Water Wells, Pipelines and Flow-lines, Refineries, Process Plant, Heat Exchangers, Fire Water Mains and Boilers.

Power Stations: Intake screens, ducts and pumps, Condenser boxes and pipe-work .

Marine Structures: Production and Exploration, Platforms, rigs, jackets and vessels, Harbours, Jetties and Marine Bases, Sheet and Tubular piling Marine Vessels – Ship, Barges Boats Buoys and Fenders.

AC Mitigation: Pipelines and similarly affected structures



SERVICES

JST can provide of a full range of corrosion control services to industry, including:

- Survey & Design - Cathodic Protection, Corrosion Monitoring and Coatings Systems
- Soil Resistivity Measurement
- Equipment Procurement & Supply
- Pipeline Location and Plotting
- Installation and Supervision
- Electrical Bonding
- System Commissioning
- Interference Testing
- Holiday Detection
- Close Interval Potential Survey



- Repair & Remedial Work
- Technical Consultancy
- Inspection and Supervision
- AC Mitigation Studies, Designs and Remediation
- Specialist Documentation
- Inspection and Supervision
- Internal Corrosion Monitoring – Including Coupon Placement & Retrieval
- Monitoring & Maintenance
- Direct Current Voltage Gradient Over Line Surveys



MATERIALS , EQUIPMENTS AND SOLUTIONS



Anodes – Impressed Current

Silicon Cast Iron

Impregnated Graphite

Platinised Titanium

Mixed Metal Oxide : Rod, tube, plate or mesh

Anodes - Sacrificial

Aluminium – Zinc – Magnesium

Backfill

All Calcined & Metallurgical Coke Types

Cables

All types of specialist Cathodic Protection cables

Including HMWPE, XLPE/PVC and PDVF

Power Units – Cathodic Protection

Transformer-rectifier Units

Solar Power Generators

Switch-Mode Power Supplies

Reference Electrodes

All types both Permanent & Portable

Pipeline Isolation

GPT - Monobloc & Flange Isolation

Pipeline Spacers

GPT - Patented Pipeline Spacers

Surge Diverters

Dairyland - Solid State Polarisation Cells

Solid State Decouplers

Explosion Proof Surge Diverters

Junction Boxes

Standard & Custom-made

Test & Marker Posts/Stations

Coating Systems

Guardian Coating Systems

Survey Equipment

Cath-Tech –ECDA and Specialist Survey

Equipment (DCVG-CIPS)

Thermit Weld Equipment

BAC – Pin Brazing

Instrumentation

Corrosion Monitoring, Coating, Cathodic Protection and Inspection

Corrosion Monitoring Equipment

Cosasco Monitoring Systems

More innovative products are released on a regular basis – visit our website <http://www.jst-group.com> for details