

> WATER INDUSTRY PROTECTIVE COATINGS CAPABILITY



INCOSPEC 
GLOBAL FIELD SERVICES
CORROSION ENGINEERS

Conformance. Compliance. Reassurance





ABOUT US

Incospec Global Field Services have been providing expert consultancy in the field of Corrosion Engineering to all corners of Australia and overseas collectively for over 100 years. We are a wholly Australian owned and operated company.

We have offices in Adelaide, Melbourne, Sydney and Brisbane. When retaining Incospec Global Field Services to undertake inspections and analysis, you are retaining the largest team of full-time coating inspectors and consultants in Australasia.

Our experience in the industry has repeatedly proved to us and our clients that independent coating inspection is a value-adding exercise that ensures that our clients' durability expectations are met and exceeded.



INDEPENDENCE

A fully-independent organisation, Incospec Global Field Services is not aligned to any coating supply or application companies. This gives us the opportunity to offer totally unbiased advice. We are also able to use this independence in areas of conflict resolution and failure analysis.



ACCREDITATION

Incospec Global Field Services coating division is a **NATA** accredited inspection company (no. 19849), subject to audit and evaluation by this esteemed body.

All of our coatings inspection and consultants are trained to the **NACE CIP** standards of accreditation. We are also a registered corrosion consulting group with the Australasian Corrosion Association.



Experience. Independence. Excellence



PROJECT CAPABILITY

Independent Coating Inspection

Condition Assessment

Repair Prioritisation

Specification Development

Specialist Access

Failure Analysis

Contractor Auditing

Inspection and Test Plans

Training

Expert Witness

> TESTING CAPABILITY

Surface Preparation

Surface Profile inspections

QA/QC System auditing

Dry Film Thickness testing

Continuity Testing

Cure Testing

Wet Film thickness testing

Concrete Cover depth

Chloride Ingress

Surface Contamination testing

Equipment Auditing

Environmental readings

Adhesion testing

Abrasive media testing

Hardness testing

Moisture testing

Concrete Carbonation



Qualified. Analysed. Certified



➤ WATER PROJECTS

PALMERSTON WATER TOWER (VIC/NT) 2015

The Palmerston South Elevated Water Tank is a newly-built water storage tank to ensure the suburbs of Bellamack, Zuccoli, Roseberry, Johnston and Palmerston South have security of supply. It has the capacity to store four mega litres of water and has been built to withstand cyclones and earthquakes with the steel structuring standing at 36 metres high, making it one of the largest elevated water tanks in the country.

Incospec Global Field Services have been engaged to provide witnessing and inspections on site for corrosion protection, blasting and coating of repairs on the internal wall of the central column and external main cone.



BRISBANE WATER TRUNK MAIN PITS (QLD) 2015

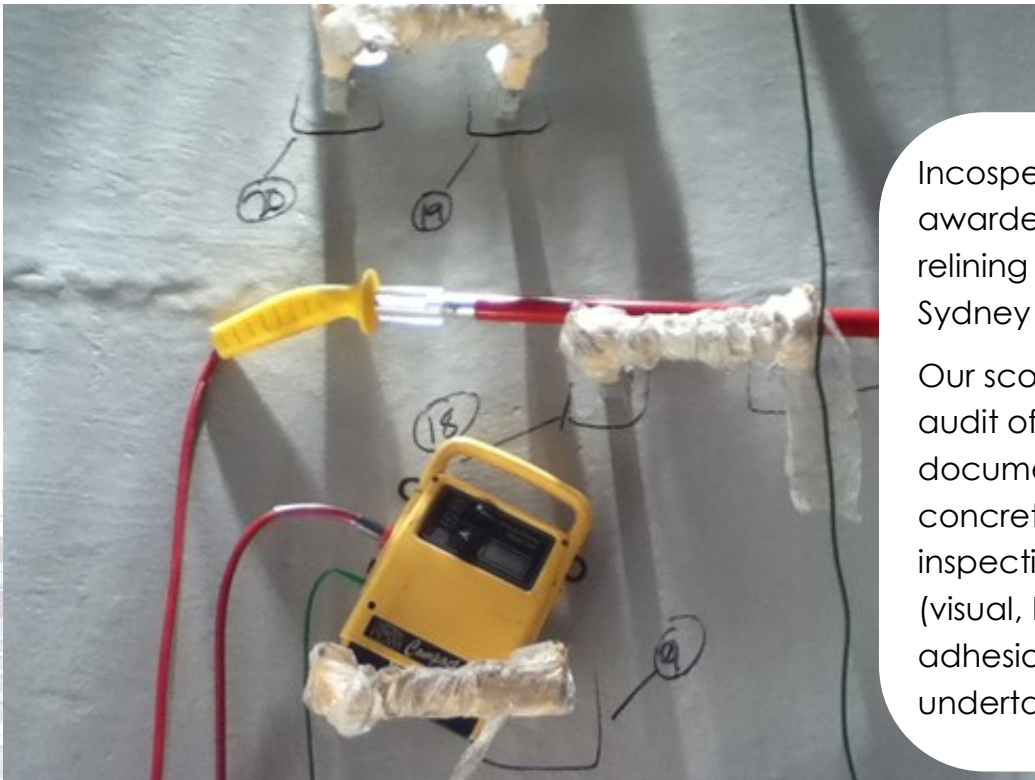


Incospec Global Field Services were engaged to undertake condition assessments on trunk main valves and pits.

The scope of testing included: Ultrasonic Thickness testing of valves, corrosion assessment, existing coating assessment and durability calculations.

> WATER PROJECTS

SYDNEY WATER MANHOLE RELINING (NSW) 2014



Incospec Global Field Services were awarded the project to oversee the relining of the 60+ manholes in the Sydney metro area.

Our scope included the review and audit of contractor QA documentation, inspection of all concrete surface preparation and inspection of the applied coatings (visual, DFT, hardness, cure, adhesion and holiday testing undertaken).

EDWARDS RD WATER RESERVOIR, BALLARAT (VIC) 2014

Incospec Global Field Services were appointed to oversee maintenance coating activities by Veolia Water.

Over a 6-week project period, one of our NACE Level 3 coating inspectors represented Veolia Water to ensure contract and specification compliance for a full tank internal refurbishment.

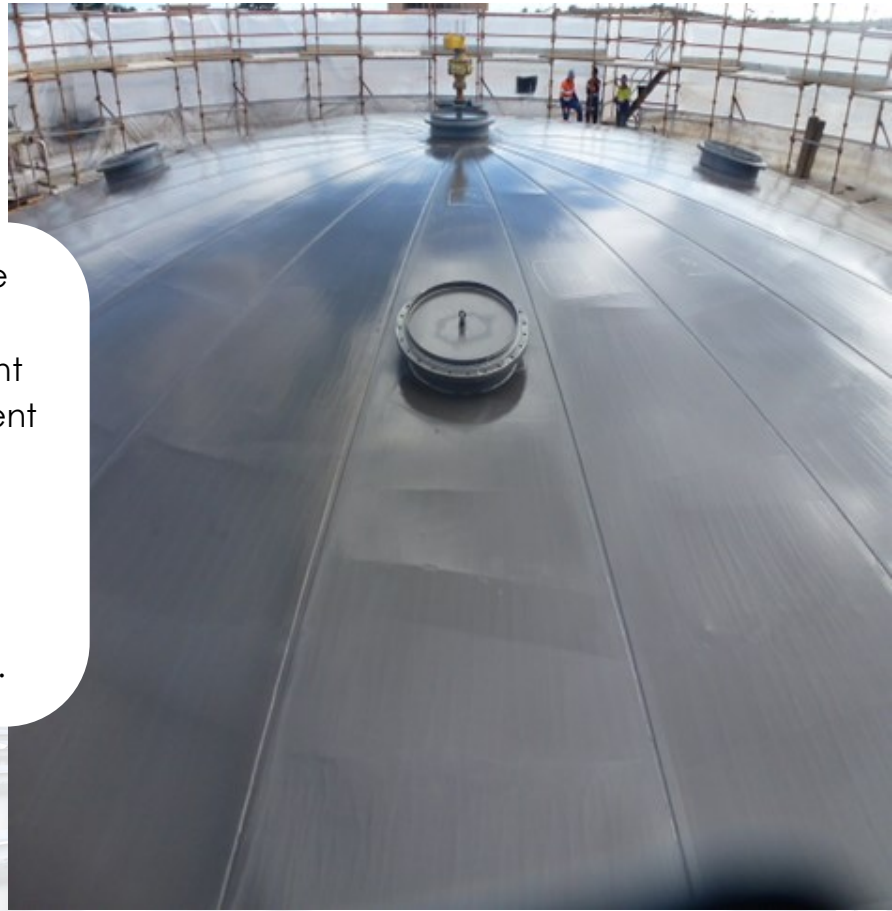


> WATER PROJECTS

DIGESTER #5—BOLIVAR WWTP (SA) 2013

Incospec Global Field Services were engaged to conduct third-party coating inspections at key hold point intervals throughout the refurbishment of the digester roof.

The coating contractor prepared surfaces by wet abrasive blasting during a cold and wet Adelaide winter, increasing flash rusting times.



GWM WATER—DAFF TANKS (VIC) 2013



Incospec Global Field Services were engaged by GWM Water to conduct third-party coating inspections on maintenance coatings being applied to the DAFF tanks across multiple rural Victorian sites.

Our scope included contractor auditing, surface preparation, coating application and adhesion testing.

> CONTACT

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