



J.K. QUALITY CONTROL PTY. LTD.

- Australasian Corrosion Association
ACA CIP Level Full N° 553F
- NACE CIP Level 3 (Peer Review) N° 9068
- AMPP Senior Certified Coating Inspector N-9068

16 Chisholm Street
Callala Bay N.S.W. 2540

◆ *Independent Consultancy & Inspection Service* ◆

J.K. Quality Control Company Profile

Prior to the establishment of J.K. Quality Control, the managing director, Joe Kowal, was employed with the Department of Public Works, NSW for seventeen years as a construction supervisor and inspector of structural steelwork, and industrial protective coatings.

J.K. Quality Control Pty Limited was established in 1991 to provide an independent consultancy & inspection service who specialises on refurbishment of reservoirs throughout Australia.

Over the past 30+ years, J.K. Quality Control has been involved in over 100+ reservoirs for state authorities, regional councils, mines and fuel processing plants. Engagements involved performing following.

- *Perform condition assessments on existing works for proposed remedial coating works.*
- *Structure technical specifications for remedial works, both structural alterations and coating replacement ensuring results meet current strict water contamination requirements.*
- *Perform inspections to ensure that all works performed are in accordance with the requirements of the contract documentation, and contractors QA records.*
- *Submit detailed reports on results of inspection.*

Following is a brief representation of some of the issues where remediation works are required and replacement results.

Bad roof designs and safe access issues





Severe corrosion on roof members or sub-standard light gauge components



Internal coating failure and corrosion pitting

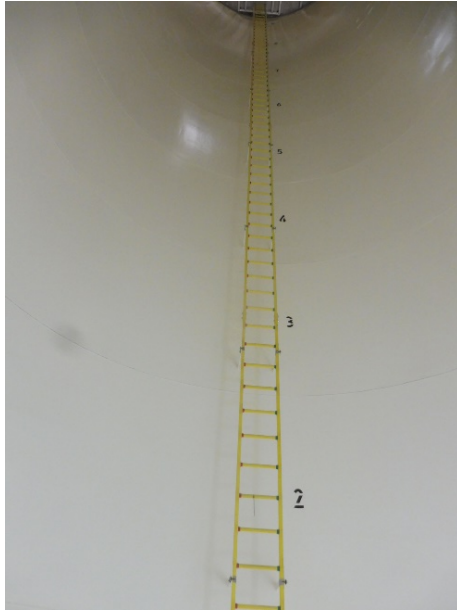


Hazardous or failing external coatings requiring encapsulation for removal

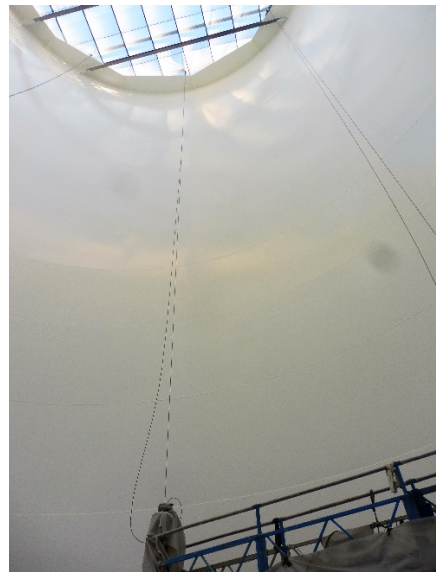


New internal fitments



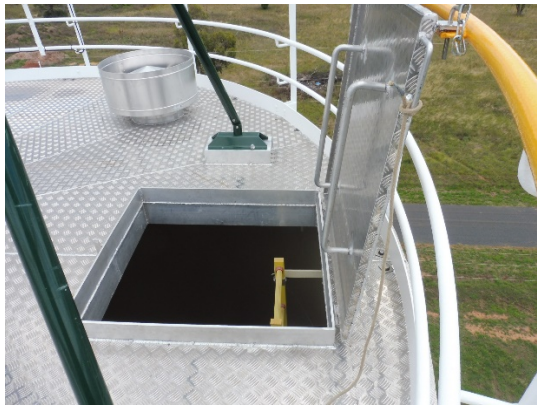


New internal replacement coating system



New roof & platform designs





Completed overcoating external



The clients of J.K. Quality Control can be assured that technical specification, inspections and reports would meet the requirements of Australian Standards & government bodies. The refurbished reservoir will meet the stringent criteria's of statutory requirements for contamination ingress and have extended long term protection with the new replacement coating systems.

Trusting that the firm of J.K. Quality Control may be of service to you in the very near future.

Joe Kowal

A handwritten signature in black ink, appearing to read 'Joe Kowal', with a stylized flourish at the end.

Managing Director
J.K. Quality Control Pty Ltd

Brief Case History Of Works

The following is a partial listing of job involvement and clients where J.K. Quality Control has been engaged upon since our establishment.

- ❖ **CLIENT:** Origin Energy, Victoria
JOB: Yolla “A” Offshore Gas Platform
ENGAGEMENT: Five-month duration structuring procedures, inspection and supervise on site remedial coating performed on off shore gas platform situated in Bass Straight.

- ❖ **CLIENT:** VIVA Energy, NSW
JOB: Gore Bay Pipeline
ENGAGEMENT: Two months duration, inspection and supervise on site remedial coating performed on fuel pipeline remediation works.

- ❖ **CLIENT:** WaterNSW
JOB: Wyangala Dam – Jemalong Weir – Yanco Weir – Gogeldrie Weir.
ENGAGEMENT: Perform condition assessment reports and supply technical specifications.

- ❖ **CLIENT:** Sydney Water Board
JOB: Sydney Metropolitan Reservoirs.
ENGAGEMENT: 63 reservoirs & sites inspected to date.

- ❖ **CLIENT:** KTA Tator-Tator
JOB: BHP-Billiton, Mt Arthur Coal
ENGAGEMENT: Inspection and reports of re-coating 2 off thickener tanks on behalf of KTA Tator –Tator.

- ❖ **CLIENT:** Poly Tech 5000 Pty Ltd
JOB: Red Bend Rail Bridge, Forbes
ENGAGEMENT: Structure painting QA procedures and audit. Perform site inspections during contract period and defects liability period of a re-coating of an existing red lead primed rail bridge.

- ❖ **CLIENT:** BHP-Billiton
JOB: Mt Arthur Coal
ENGAGEMENT: Inspection, investigations and reports on coating failures of new coal wash plant.

- ❖ **CLIENT:** SunWater QLD
JOB: Scrivener Dam. ACT.
ENGAGEMENT: 6 separate contracts over 5 years on Radial Gates remedial re-painting. Perform defects liability inspection of failed coating on previous contract.

- ❖ **JOB:** NSW Council Reservoirs (**76 Reservoirs**)
CLIENT: Moree (2 off), Narrabri (3 off), Gilgandra (2 off), Forbes, Parkes, Cooma-Monaro, Walgett, Gundagai, Warren (2 off), Leeton, Lismore (2 off), Orange (3 off), Mid Coast Water (2 off), Bellingen, Coffs Harbour (3 off), Goldenfield Water (6 off),

Wentworth Shire (2 off), Richmond Valley (3 off), Griffith (3 off), Armidale (3 off) Hay, Narromine (2 off) Shoalhaven (9) .

ENGAGEMENT: Structure contracts technical specifications for tendering and /or perform site inspections. Perform condition assessments.

- ❖ **CLIENT:** Dept Public Works & Services (NSW Dept of Commerce & Services)
JOB: State Government Managed Reservoirs located at; Lightning ridge, Collarenebri, Narrabri (2 off), Wee Waa, Cooma, Dubbo (2 off), Gosford, Mildura (2 off), Nowra, Berry, Perthville, North Parks Mines, Warren (2 off), Trundle, Mudgee, Gulgong, Hay, Euston, Moree (4 off), Mungindi, Boggabilla (2 off) Moree Plains Shire Council (10 off) Leeton, Tamworth (4 off).
ENGAGEMENT: Reservoirs 40 off: On all reservoirs, J.K.Q.C. was engaged to inspect painting contractor's performance of works and testing procedures and supply own test results. On a number of the projects, inspection was also performed during the construction of new steel reservoirs and structural repairs on existing reservoirs.
- ❖ **CLIENT:** Dept Public Works & Services (NSW Dept of Commerce)
JOB: Structural Steelwork/Buildings; Sydney Opera House, Londonderry Bore Core Library, Macquarie Fields Tafe college, Westfield High School, Bundeena Public School, Mt Druitt Tafe College, Emu Plains Prison, John Morony Prison, Long Bay prison, Parklea Prison, Cobham Prison, Nepean Hospital, Blaxland Public School, Glenbrook Public School, Auburn Public School, Tempe High School, Merrylands Public School, Maroubra High School.
ENGAGEMENT: Generally, inspections were performed during fabrication, protective coating (painting or galvanising), on site during & completion of erection.
- ❖ **CLIENTS:** Gardner Perrott, International Paints, Transfield/Nepco joint Venture.
JOB: Smithfield Electricity Power Plant
ENGAGEMENT: Evaluate performance of contractors coating works and testing. Supply reports of results of the coating & high voltage tests.
- ❖ **CLIENTS:** Gardner Perrott & Program Maintenance
JOB: Flemington Markets (3 separate contracts over 2 years.)
ENGAGEMENT: Performed full time independent testing & reports for successful contractors on industrial coating of internal & external buildings.
- ❖ **CLIENT:** V.G. Saunders
JOB: SANTOS Oil Tank, Alice Springs.
ENGAGEMENT: Evaluate performance of contractors coating works and testing. Supply reports of results of the coating & high voltage tests.
- ❖ **CLIENT:** Allied Constructions
JOB: AWT Clarifier Tanks
ENGAGEMENT: Perform independent coating and high voltage tests for submission to Sydney Water Board on 6 clarifier tanks during the course of the painting contract.
- ❖ **CLIENT:** Peak Gold Mines, Cobar
JOB: Maintenance Coating Structural Steel
ENGAGEMENT: Inspect and report on completed maintenance coatings for compliance to specification. Submit recommendations for remedial actions.

- ❖ **CLIENT:** H.F. Hands Pty Ltd
JOB: ACTEW (Australian Capital Territory Electricity & Water) 34 MI Reservoir.
ENGAGEMENT: To mediate between the principal client and painting contractor in regards to the acceptability of works, following JKQC's own test results.

- ❖ **CLIENT:** Belmadar Constructions
JOB: Sydney Central Bus Shelter Complex.
ENGAGEMENT: Mediate and establish standard of acceptability of specified coating system based on J.K.Q.C. inspections.

- ❖ **CLIENT:** Civil & Civic.
JOB: Homebush Olympic Aquatic Centre. (original building)
ENGAGEMENT: Perform audits on coating applicators Q.A. records, and perform comparison coating inspections checks.

- ❖ **CLIENT:** Tweed Head Council, Parkes Council, Dept of Commerce (Duck Malloy)
JOB: Water Filtration Plants
ENGAGEMENT: Perform inspections and testing of coatings on new & existing plant. Structure contracts technical specifications for tendering and perform site inspections.

- ❖ **CLIENT:** KTA Tator
JOB: Olympic Dam Mines (South Aust) New Plant
ENGAGEMENT: Perform inspection, testing & reports on coating application on items manufactured in NSW.

- ❖ **CLIENT:** New World Projects
JOB: Eraring Power Station
ENGAGEMENT: Progressive: Perform inspection, testing & reports on existing coatings for remedial actions as well as inspections on new replacement coatings.

- ❖ **CLIENT:** Orange City Council
JOB: Sewage Treatment Plant
ENGAGEMENT: Perform inspections and testing of coatings on clarifiers on existing plant. Structure contracts technical specifications for tendering and perform site inspections.

- ❖ **CLIENT:** Newcrest / Forefront / Dowell Eng.
JOB: Mines – Cobar / Cadia / Mudgee / Peak Hill / Mangoola / etc.
ENGAGEMENT: Perform inspections and testing of coatings on clarifiers on existing plant. Structure contracts technical specifications for tendering and perform site inspections.

As can be attested on the above list of works, J.K. Quality Control engagements are quite diverse. Due to the number of clients and job types performed by J.K.Q.C. over the past decades, this list is in part only for your evaluation.