

# WATER INDUSTRY REFURBISHMENT



- asset condition surveys ■
- joint sealing & over banding ■
- concrete & masonry repairs ■
- specialist coatings & tank linings ■
- steel coatings for pipe bridges & tanks ■
- cleaning & chlorination ■

CRL IS A NATIONWIDE specialist contractor with over 50 years experience capable of providing comprehensive refurbishment services to the clean and dirty water sectors throughout the UK. CRL has an integrated Safety, Health, Environmental and Quality (SHEQ) system and is registered with ISO 14001, ISO 9001 and OHSAS 18001. In recognition of the company's ever increasing commitment to Health & Safety, 2012 saw CRL presented with a third RoSPA President's Award for eleven consecutive RoSPA Gold Medals. Through its own School of Excellence and rigorous management systems CRL will continue to deliver efficient, innovative solutions in a safe and professional manner.

- Asset condition surveys
- Reservoir & water tower refurbishment
- STW & WTW refurbishment
- Preload tank refurbishment
- Concrete & masonry repairs
- Specialist coatings & tank linings
- Roof membranes
- Resin injection & leak sealing
- FRP composite strengthening
- Supply & installation of ancillary equipment
- Joint sealing and over banding
- Cleaning & chlorination
- Steel coatings for pipe bridges & tanks
- Bund linings



CRL HAS BEEN HELPING the water industry provide clean, drinkable water to its customers through the ongoing maintenance of its clean water assets since 1954 by offering cost-effective solutions, using the latest refurbishment techniques and materials, as well as specifying work

practises consistent with best value solutions. CRL understand the importance of maintaining water quality and supply, along with the pressures this places on maintenance

## CLEAN WATER ASSET REFURBISHMENT

staff. Programming of the works and the utilisation of the assets being repaired are always foremost in mind when deciding on the materials and repair methodology to be used. As such we endeavour to work with the water companies to determine the cause of the problems at an early stage, quantifying the repairs to be carried out and the timescale for the refurbishment works.

THE EUROPEAN STANDARD for concrete repair states that a detailed inspection is undertaken to determine the nature and extent of the deterioration prior to preparing the specification and executing the works on site. Our survey division, CRL Surveys, provides a comprehensive inspection service utilising the latest NDT techniques culminating in a report identifying the problems and the repair options available to the client. CRL Surveys has extensive experience in both the clean and dirty water sectors working directly for the water companies, framework contractors and consultants. The initial investment in condition surveys enables clients to undertake planned and effective maintenance based on sound engineering knowledge.



## CONDITION SURVEYS

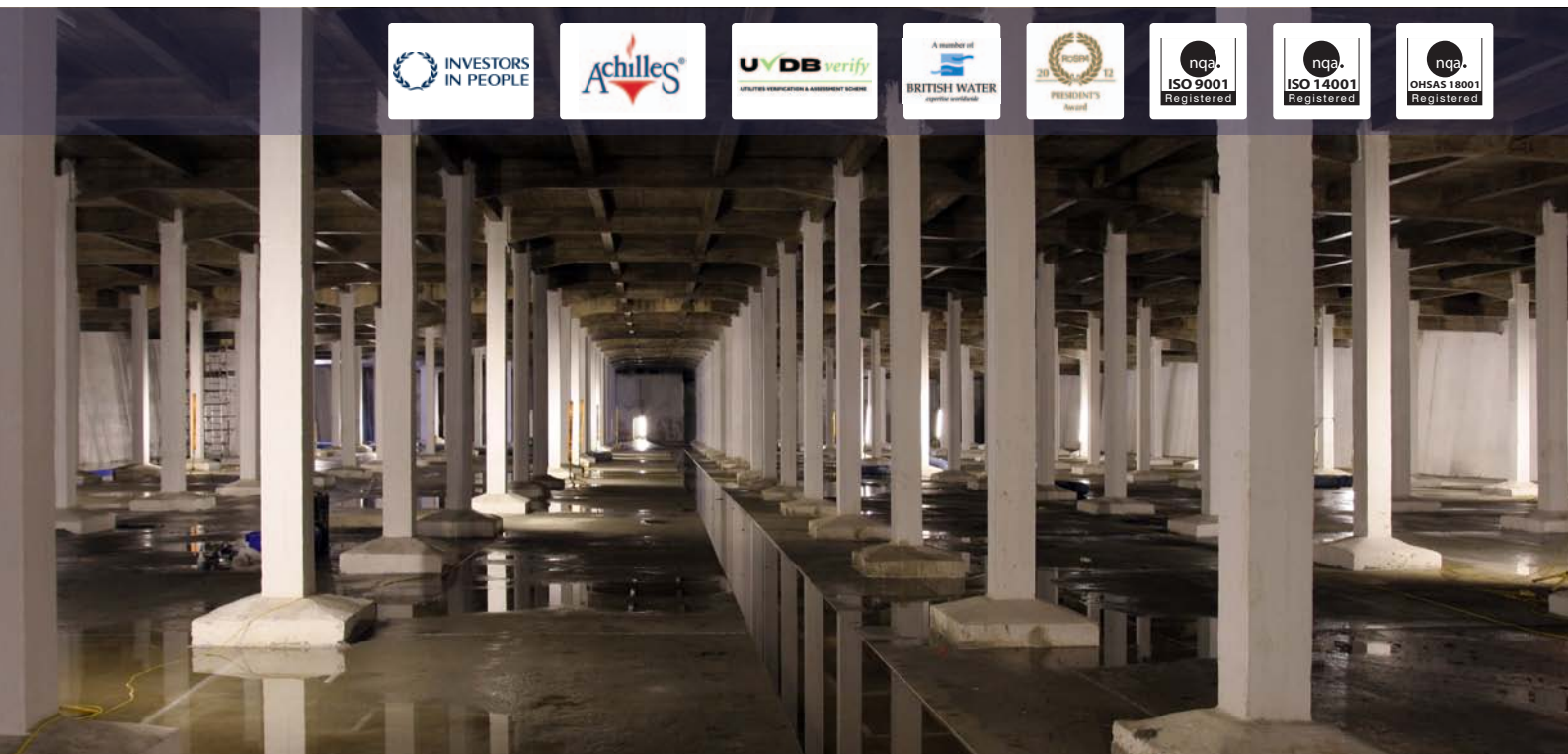
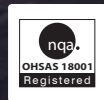
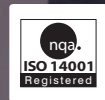
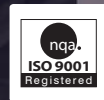


WITH WASTE WATER TREATMENT PLANTS generally running at full capacity, and compliance issues becoming ever more critical, it has never been more important that the water companies maintain their assets on a regular basis to ensure they are in perfect working order. CRL has extensive experience in the repair and rehabilitation of waste water treatment plants dealing mainly with H<sub>2</sub>S attack and the coating/lining of the affected elements. Failure to properly maintain their assets can present significant safety, environmental and

## WASTE WATER ASSET REFURBISHMENT

financial risks. Using the latest repair techniques and materials, CRL is able to restore assets to their original new-build standards, as well as substantially extending the life of the structures. CRL also carry out the refurbishment of concrete digesters, primary settlement tanks (PST's), distribution chambers, aeration lanes, storm tanks, steel surge tanks/vessels and inlet channels.





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