

UNDERFLOOR PIPE REPAIR CASE STUDY



Customer: Qinetiq .

Site : Marine Testing Tank, Gosport, UK. One of the largest testing tanks in the world.

System: Under floor Pipes from Filtration plant room, 150mm (6") Diameter.
Cast Iron



Problem:

The Pipe supplying filtered water to a large tank was suspected to be leaking.

A full leak detection and camera survey revealed the leak to be directly under the tank, imbedded in 2 metres of concrete.

Digging to repair this fault was certainly not an option.

It was decided to completely line and upgrade the entire pipe network to future proof this valuable asset

Solution: The pipe was opened at the nearest available location outside the building, this was 52 metres from the leaking point.

The pipe was then drained and cleaned using specialised rotary tools and a HP Jetter.

The Entire 160 metres of pipe was then relined with our inversion liner and epoxy resin and then cured.

A final pressure test and camera inspection revealed a successful repair, new valves were installed and the system was pressure tested and recommissioned

This pipe is returned to service and is now protected from any further deterioration of the host pipe.



R2 Pipetech Ltd provides specialist services in the UK and overseas in the pipeline, water and marine industries.

Utilising state of the art pipe investigation and pipe relining techniques along with a range of epoxy repair and coating systems, we can upgrade and protect your pipe, tank and water infrastructure to minimise disruption and eliminate costly shutdowns.

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