

Thames Water DSEAR Maintenance Program

“CSD’s team are very focused in their approach to provide a high quality product and service. We are looking forward to working with them in the future.”

Steve McMullan
(Senior Electrical Design Engineer)



Client: Thames Water Utilities Ltd

Location: 6,000 sites across Thames Water Network

Date: 2010 & 2011

Project

Thames Water have successfully sealed in excess of 3000 cable and pipe ducts using CSD Sealing Systems ‘RISE Duct Seal’. The RISE Duct Seal was selected by Thames for their DSEAR maintenance program following successful installations across the Thames network to seal cable and pipe ducts against water, sewerage and gas ingress.

It’s compliance with the Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR), reduces the risk to people’s safety from fire and explosion. Thames chose the RISE system based on the simple installation but also the high level of integrity it provided.

CSD aided the success by training 7 teams to ensure installation was carried out to a high standard and within a short timescale. A program of quality inspections were also agreed to certify that their cable ducts were correctly sealed and provide high levels of protection in the event of any disaster situation.

With the RISE system, CSD provides a high performing gas and watertight seal tested to last in excess of 50 years, with the benefit of easily adding or removing cables at anytime in the future. The RISE Duct Seal, which is included within the current WIMES specification, ensures compliance with the DSEAR regulations, even in misshapen, rectangular and vertical ducts, with a large volume of cables passing through.

The system is now being specified and used by the majority of the Water Utility Companies and their contractors to seal water and gas tight ducts across the UK.

The RISE Duct Seal is a multi-cable and pipe transit sealing system. It provides an effective and simple solution to all fire, gas and watertight duct sealing requirements. It consists of only 2 components, rubber insert sleeves and FIWA sealant, making the system quick and easy to install.



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