

# Supporting the development of award-winning HydraSafe

## Institute of Water

2019 Innovation Award Winners



A&L Mechanical Installations Ltd are an Ayrshire-based M&E Company comprising of 35 employees. Established in 1990 and celebrating 30 Years in business, the company provide specialist M&E Installation, maintenance and repair services to the water industry. With a long-standing reputation for innovative problem solving and solution providing capabilities, A&L take great pride in their unique restoration capability and have extensive experience in delivering increased lifespan for hundreds of ageing water industry assets.



In response to a need from Scottish Water, A&L have developed HydraSafe, a hydraulic valve actuator that delivers an efficient carbon friendly solution to valve

operation and maintenance. This technology, designed and built by A&L, provides an alternative to manned entry into confined spaces such as reservoir towers, chambers, culverts and similar structures. The proven innovative product has successfully delivered a solution to a long-standing health and safety concern in an efficient and carbon friendly manner.

A&L Operations Director Kenneth Dallas commented "The HydraSafe product gained wider recognition when A&L were the proud winners of the 2019 Institute of Water Innovation Award and we would like to thank Hydro Nation sponsored by the Scottish Government for their fantastic guidance on our journey to gaining this proud achievement. Hydro Nation have continuously advised, supported and encouraged us throughout. Furthermore, the Hydro Nation Water Innovation Service has been central to improving our understanding of potential marketing opportunities throughout the water sector and have provided a platform for us to market our product to potential clients through events, introductions and webinars."

"From reservoirs, pumping stations, treatment works and throughout water infrastructure, HydraSafe can be utilised on a huge range of water industry assets where confined space entry presents an operational risk, or where power for an electric actuator is unavailable or prohibitively expensive to provide. After successfully developing and deploying the product in Scotland, we are now seeking opportunities in the wider UK market with potential clients and collaborative partners who will support the ongoing development of this innovative and successful product."

Further information about HydraSafe can be found at:

<http://www.almechanical.co.uk/>

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*"HNWIS is pleased to be working with A&L Mechanical Installations Ltd. It is encouraging to see our specialist technical support being utilised to great effect as intended, supporting Scottish companies within the Hydro Nation agenda."*

Arlene Goode, HNWIS

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The Hydro Nation Water Innovation Service (HNWIS), established by the Scottish Government through Scottish Enterprise and Highlands and Islands Enterprise, identifies innovative Scottish companies, particularly SMEs, and supports them along the innovation path from concept to commercialisation. Find out more:

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