



OXFORD FLOW LIGHTENS THE LOAD FOR VEOLIA

Oxford Flow, an innovative equipment manufacturer, has been working closely with Veolia, the UK's leading environmental solutions provider, to develop and deploy a more mobile and accurate solution for hydrant pressure reducing valve (PRV) assemblies.

Veolia provides a wide range of waste, water and energy management services to a broad spectrum of clients. Its Mobile Water Services Division is a market leader in the provision of on-site purified water services from purpose-built HGV trailers to

industrial processors and plants across the UK and Europe.

The key to efficient service and satisfied customers lies in accurate pressure control from the hydrant supply through the purification system and into the client's system.

It is somewhat of a Goldilocks scenario; too much pressure and there is a risk of damaging expensive customer assets. Too little pressure on the other hand could result in a failure to fully purify the system and thereby jeopardise the quality of the customers' products/processes.

The rugged light-weight design offers easy adjustment of set pressure along with an innovative speed of response control, making set up and delivery of precisely controlled pressure and flow exactly to customer specifications a much quicker and efficient process.

James Carr, European Operations Manager at Veolia Mobile Water Services, explained: "The valves we've been using are extremely heavy, making installation tricky and expensive.



*Oxford Flow's Mobile Water Service
PRV with quick-fit couplings*

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We've been really impressed with Oxford Flow products. They're simply better than anything else we've seen on the market.

We intend to replace all of our current PRVs with the Oxford model in the future – it simply makes sense, commercially and practically.

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“We've looked for a solution to this issue for a long time, and Oxford Flow's PRV may just be it. It's made of plastic, and much, much lighter than all other comparable devices. This makes installation much easier, and greatly reduces our labour costs.”

In addition to its light weight, James and his team found that the device offered a number of other benefits to Veolia. “Because pressure can be controlled with such precision by these devices, there's reduced hunting. Flow turbulence and head-drop are also minimised, and it's less noisy too,” he explained.

“And another real advantage of the Oxford Flow PRV is that it is so flexible. Our equipment needs to connect to many different customer utilities, which means lots of pressure differentials and varying flow rates. This can sometimes be a challenge to manage and if not properly managed can be a risk to our or the client's equipment.

Christopher Leonard, Business Development Director at Oxford Flow, added: “The assembly uses Oxford Flow's IP Series pressure reducing valve (PRV) which is currently winning over water distribution companies in potable water network field trials across Europe.

It's manufactured using WRAS approved Acetyl resin making it considerably lighter - it only weighs about a 1/10th of that of the competitors' PRVs. This massive reduction in weight has allowed us to permanently fit quick release connections to the unit to enable rapid deployment on-site.”

The benefits for Veolia are expected to continue as the Oxford Flow PRVs are put through their paces and it is verified that just one PRV can handle flow rates that previously required two PRVs to achieve.

Oxford Flow's innovative pressure control technology is finding applications across water and gas distribution, power generation and upstream into Oil & Gas.

Get in touch to find out how we can help you.

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