

Case Study



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- **Project Location:**

London Irish Training Ground - Hazlewood, Sunbury on Thames

- **Requirements:**

Clean Water Booster Set to boost water pressure “on demand” for Showers, Kitchens etc.

- **Date:**

July 2014



**London
Irish™**

The professional and amateur Clubs of London Irish have officially moved into their new “Training Centre of Excellence” home at Hazelwood in Sunbury on Thames.

As well as being a fully serviced Training Facility, the new, custom designed premises offer a range of additional functions. These include attractive and well appointed wedding and conference facilities.

Under everyday circumstances the supplied mains water pressure is perfectly adequate to cope with normal requirements. HOWEVER, this does not take into account the sudden demand placed on the system after training, when 30+ hot and sweaty rugby players hit all 14 showers, toilets and the kitchen, which then call for clean water at exactly the same time.

Equals Consulting Ltd., the consultants for the project, called in Pump Technology Ltd. to advise on a solution for this unusual situation. The PT answer was to recommend a Precolour Break Tank and a Xylem “smart” water pressure booster system.

The Booster Set consists of a triple pump set which monitors water pressure and automatically kicks in to optimise pressure to all areas of the site as demand increases. As demand reduces the pumps shut down and eventually return to standby until they are needed again.

They were installed by Sharp Mechanical and have just been commissioned by Xylem. Pump Technology will be managing the ongoing service and maintenance.

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The custom Booster set is typical of many “Next Generation” units.

It was completely designed and built and tested off-site by the manufacturers. on its own base frame It was then supplied and delivered as a fully operational unit requiring only connection and commissioning on site.

Supplying equipment this way ensures that it is fully functional, minimises installation time and ensures that the timing always matches the site work schedule.

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Richard Kiene Of Xylem got slightly more than he bargained for when four of the London Irish Players offered him a "Lift" home!

END



Equipment:

Xylem Variable-Speed CWB Set equipped with Hydrovar frequency converter & 3 Multistage Vertical Pumps.

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