FAO the Editor Micronics Approved Release

Micronics – Ricoh Arena, Coventry - Application Note:

Micronics Clamp-On Ultrasonic water meters provide flow measurement for pitch heating, water management and billing at the Ricoh Arena and water costs are reduced by 50%!

Arena Coventry Limited, a total facilities management company, which manages all the facilities at the Ricoh Arena in Coventry, has reduced water consumption and achieved significant cost savings. The company's original investment in Micronics meters was a Heat Meter installed in 2008 to establish and monitor the energy costs associated with underground heating of the pitch. This was a success and following a later meeting with Seven Trent, triggered by a reduction in water consumption, the valuable information gained and clarification that the water used for the pitch heating does not go to sewage led to a reduction in water charges.

Energy management to reduce consumption and costs are a key function of Alan Pickering's role as the Ricoh Arena's Deputy Facilities and Energy Manager. He said: "Water consumption is a big issue on the site, which led us to invest in the installation of three Micronics Ultraflo 2000, Clamp-On, flow-meters in 2009, which we use with an on-site Monitoring and Targeting system to manage the significant water consumption on the site."

The three meters were supplied and installed by Micronics, and provide individual half-hour consumption data for the north concourse, arena and southern concourse areas. Within three weeks of installation, the investment identified intermittent continuous flushing periods of some WCs in the southern concourse area, which when remedied reduced the site water consumption by 50%, providing a payback of one month!

In addition to the above, Micronics meters have also been installed in the new Exhibition Hall to provide consumption data for automatic billing of water consumption for this area, which is shared between the on-site G Casino and the Ricoh Arena.

Having considered various measurement alternatives, Clamp-On Ultrasonic meters were selected due to the installation and maintenance/service benefits associated with the non-invasive technology including low cost and minimum disruption installation with no system drain down required plus dry maintenance and service. And Micronics were selected as the supplier due to Alan's previous experience with them and a combination of their long-term experience with Ultrasonic Clamp-On technology; competitive pricing and product performance i.e. best value!

Micronics' Clamp-On flow meters in conjunction with Alan's effective use of the on-site Monitoring and Targeting system has delivered a significant reduction in water consumption and reduced overall costs by 50%! He has been very pleased with the performance of the Micronics products and says the pre and post order service support has also been very good.

Alan believes there is significant potential for ongoing savings on-site and the project has demonstrated how Clamp-On - Ultrasonic technology can be successfully implemented as a cost-effective solution to improve heat energy measurement and water management on similar sites. **Ends**

Note to Editors: For further information or images to support this release contact David Leigh at Leigh-Anderson Associates on 01579 321750 or email DBL@leighandersonassociates.com