

Back 2 Basics –Turbidity and pH Measurement

2nd May 2013

ABB, Oldends Lane, Stonehouse, Gloucestershire, GL10 3TA

Turbidity and pH are two of the most fundamental and widespread on-line measurement made by water industry. Both measurements present unique challenges which have shaped the technologies that are available today. It is over 7 years since SWIG last held a workshop on turbidity and even longer for pH. This the first in a proposed series of back to basics workshops, aimed at both experts and newcomers to the industry, will look at these measurements in detail, examining why they are so important, the sensing challenges and how current technologies are being applied within the water treatment process..

Chairman: Leo Carswell, WRc plc

09.30 Coffee & registration

10.00 Welcome and Introduction from Chair

10:10 Introduction to turbidity and pH measurement in water treatment

Andrew Wetherill, Technical Specialist - Water, Yorkshire Water

10:35 The principles and challenges of turbidity measurement

Steve Russell, Senior Consultant – Instrumentation, WRc

11.00 Tea / coffee

11:30 Controlling Filter Back Wash by measuring Turbidity

Andrew Wallace, Partech

12:00 SWAN technology

Joern Boedeker, SWAN

12.30 The Importance of Drift free Turbidity measurement and other related performance issues

John Kupczak, UK Business Development Manager, Sigrist

13.00 Lunch and networking

14.00 Tour of the manufacturing facilities

14.30 pH practical challenges – an overview

Carl Faisey, Anglian Water

15.00 Theoretical and practical considerations of measuring pH in Water Treatment Plant

Mike Sparrey, ABB

15:30 The advantages, robustness and traceability of off-line calibration.

David Claridge, Water Industry Manager, Endress & Hauser

16.00 Discussion & close

REGISTRATION: The cost of attending the Workshop is £80.00 inc VAT for SWIG members. £145 inc VAT for non-members. Literature may be distributed for a fee of £60 and a limited number of table top displays are available at £115 each. Registrations can be made by Tel 01934 830658 or by email to rosa.richards@swig.org.uk or using the on-line booking form. **Please advise of any special dietary requirements at time of booking.** Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.