

Case Study: EFFLUENT MONITORING SYSTEM

Rhodia's Leeds site employs over forty people, producing surfactants and biocides for the personal care, detergency and water treatment markets.

W H Good Automation Ltd, who have enjoyed a long standing relationship, were requested to change out existing effluent control equipment and replace it with a new control system.

The requirement was to maintain a consent pH range of 6-9, recorded at all times, because failure to comply may lead to prosecution.

The site is listed as lower tier COMAH (Control of Major Accident Hazards), due to the toxic materials used. CO_2 is now used to replace acids. Liquid CO_2 is stored at a pressure of 20 bar, vaporised into an injection system to allow gas dispersion into the effluent.

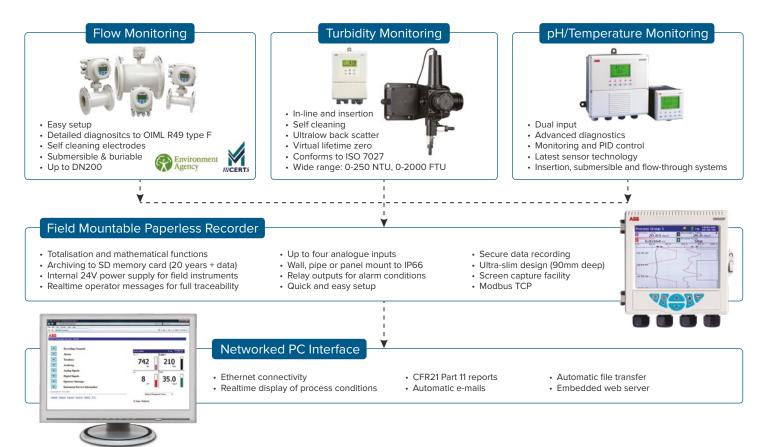
On the back of this success we have received orders from coatings, chemical and paper industries for similar systems.

More recently, with changes to legislation regarding effulent monitoring, we have also included flow and turbidity.









Call us on 01706 211416, e-mail us at automation@whgood.co.uk or visit whgood.co.uk