

SPRING 2015 NEWS



WIXOE PUMPING STATION



Hunton Engineering have recently commissioned the upgrade works at Wixoe Pumping Station. Work included the full design, fabrication and installation of four new sluice gates, new drive equipment and a 32m long platform to provide access to the winding equipment. Additionally Huntons refurbished the tilting weir on site and fitted new drive equipment.

The contract also involved the complete electrical installation including custom software to operate all five gates from a central location.

All steelwork on the project has been CE marked to BS-EN-1090, execution class 2.



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DEBSWANA DIAMOND PROCESSING PLANT



Hunton Engineering have completed the fabrication of a diamond processing machine, which has been installed on site in Botswana. The plant consisted of 6no individual skid packages and the connecting pipework, totalling over 25 tonnes of process equipment. The skids consisted of a mixture of stainless steel pipework and vessels, and PVDF plastic pipework and vessels, to handle the nitric acid.

Huntons received bespoke training on plastic pipework welding and fabrication for the project and are now accredited for any future plastic works.

The skids were fully assembled in Huntons workshop and were operation for testing purposes. With over a thousand valves and sensors requiring wiring back to control boxes, space was at a premium and provided a challenge for the fitters.



The stainless pipework was welded in accordance with the ASME IX specification and was subjected to 15% X-Ray inspection.

There were also extensive pneumatics involved in the skids to control the automation of the vessels loading. This again provided a new challenge for Huntuns which was successfully completed.

