



VOLUME MEASUREMENTS AT WATER TREATMENT PLANT

INTRODUCTION

This case study looks at a water treatment plant which was using older ultrasonic level transmitters to measure and display the volume of several tanks. This method was not deemed to offer high enough precision.



**PRECISION
DIGITAL**

CHALLENGE

The plant's current LCD readouts had faded from sun exposure over years of use and so a new digital display was required for longevity of use and higher precision of volume measurement.

SOLUTION

As the ultrasonic level transmitters were still functional in providing repeatable and accurate information and so were retained to minimise replacement costs.

Precision Digital PD765 Trident X2 meters were installed to display the volume in six tanks. The Precision Digital PD765 Trident X2s bright 30mm high LED display is readable from up to 10m away to prevent overspill and accurate information of the contents of the tanks.

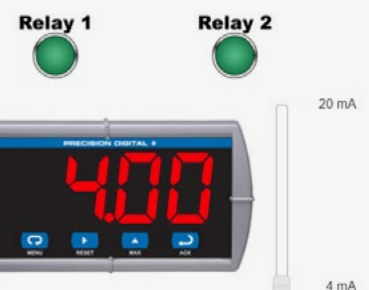


RESULT

Since the implementation of the new digital Precision Digital PD765 Trident X2 meters, the water treatment plant has noticed an increase in the accuracy of its tanks volume measurements, with greater confidence in its measurements and process as a whole.

EQUIPMENT SUPPLIED

- Precision Digital PD765 Trident X2 meters
- Trident Virtual Meter Software



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