



Validated Purified water system



Norgine

Location

New Road, Tir-y-Berth,
Hengoed, Mid Glamorgan.
CF82 8SJ

Project

New USP28 validated purified water system to serve washer area.

Order placement date
September 2005

Approx value
Sterling £22,000

Project

New USP28 validated purified water system to serve washer area for Norgine.

Concept

Norgine identified a washer bay area that needed an on-demand supply of purified water. The cost of extending the existing loop to the washer bay area was prohibitive. Puretech's solution was to provide a stand-alone Oasis plant as per the attached PDF. The unit was provided with additional protective stainless steel panels for added security.

The Oasis system produces purified water on-demand and then maintains the quality and the integrity of the water through internal recirculation. A further key factor for Norgine was the flexibility of the Oasis to be upgraded from the current 250 litres/hr to higher flowrates in the future since it may be needed in a different location to supply the whole Site demand.

Scope of plant supply

Puretech Oasis generation plant (sized to provide 250 l/hr 8 hrs/day) complete with pre-treatment skid, control panel, on-line chlorine monitoring and control devices.

Single point-of-use zero-dead-leg valve.

Central PLC control system utilising the Siemens PLC within the Oasis.

Scope of services

Design, supply, delivery, installation, testing, commissioning, validation.

Testing

Client witnessed FAT SAT at Redhill works

Validation

Generation and execution of IQ/OQ documentation.

Project programme

8-10 weeks agreed

Personnel

1 No Project Manager
1 No validation leader
1 No weld inspector

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