

Victorian Desalination Project to use valves from Ebro Armaturen

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German valve manufacturer EBRO ARMATUREN has signed an order to supply manual and automated butterfly valves to the Wonthaggi Desalination Plant, Victoria. The plant, which is currently under construction will have a capacity of 440,000 m³/d. This project includes a new 84 km underground pipeline connecting the plant with Melbourne's existing distribution network at Berwick and Cardinia water supply reservoir.

The total order consists of 1830 butterfly valves varying from resilient-seated EPDM and PTFE lug-type butterfly valves to double-flanged butterfly valves, ranging from DN 50 – DN 2200. All valves are made from AISI 316-stainless steel interior parts and have a special body coating suitable to resist the aggressive climate conditions. The valves will shut-off and control the medium from the seawater pumping station to the distribution and storage of potable water. The valves are actuated by manual wormgears, electric or pneumatic actuators. Whereas the pneumatic actuators are Tuftram coated and additionally equipped with an emergency handwheel.

This is now the third Australian desalination reference having both supplied the SWRO desalination plant in Sydney and Perth. The Victorian Desalination Plant is scheduled to be completed mid of 2012. The total contract value is 9.5 million Euro.