

# Connection Project

FROM THE LEADERS IN CIVIL AND PLUMBING SOLUTIONS

PHILMAC METRIC COMPRESSION AND BSP FITTINGS AND PHILMAC BLUE HANDLED BALL VALVES

**PRODUCT NAME:** Philmac Metric Compression and BSP fittings and Philmac Blue Handled Ball Valves

**PARTS USED:** Numerous size variations of the three ranges used.

**WHAT IS IT?** The products when used in combination allows for the development of innovative transfer and control networks for liquids.

**WHERE IS IT USED?** The use of these ranges is widespread, mainly used where PE pipe networks are involved.

Alia Water is a company specialised in water treatment in order to provide comprehensive solutions for the treatment of water for consumption, reuse or disposal. Alia Water's competitive advantage derives from the constant innovation and creation of new technologies developed by its research and development division in Sunshine West, Victoria. Alia Water's team, which uses one of the leading design packages, is able to develop and tailor an advanced water treatment plant for the most difficult water matrixes to meet any needs. The compact designs typically fit into standard ISO containers to allow for efficient and quick shipping – a critical feature when the need for treated water is immediate.

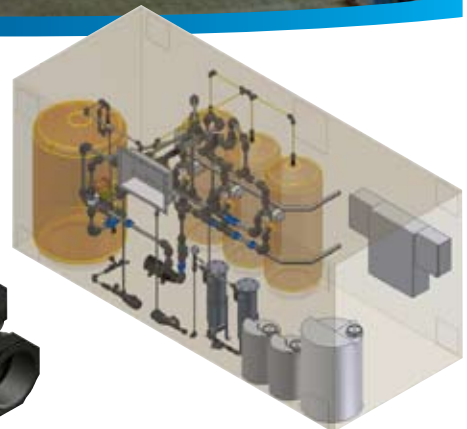
Alia Water uses PE as material of choice because of the numerous inherent characteristics and sound structural qualities. Not only does PE pipe comply with drinking water standards (AS 4020/BS 6920), it possesses good overall chemical resistance and the required flexibility to ensure any repairs and modifications can be performed quickly and easily. PE is also lightweight and low cost compared to the equivalent stainless steel solution and adheres to the operating pressure of Alia Water's water treatment plant.

To join the PE pipe, Alia Water looked to Philmac compression fittings, threaded fittings and ball valves given their reliability and ease of use. Optimisation is an ingrained philosophy at Alia Water, so much so that in order to save on manufacturing space, the company 3D modelled all the Philmac



components so that they could 'build' the units prior to manufacture. With forward planning, innovative design and a commitment to using high quality components,

Alia Water is set to provide the safe water solution to the world for years to come".



For more information visit our website, [www.philmacaquadux.com.au](http://www.philmacaquadux.com.au) or call us on 1300 132 352.