

# Hydratight installs tensioners in Taiwan nuclear plant

Submitted by: theEword

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Hydratight is a global engineering (<http://www.hydratight.com/en>) service, known for supplying high-quality products to the oil and gas, wind, subsea, nuclear and aerospace industries. This includes a wide range of tensioning systems for safe, reliable and repeatable tightening of bolts.

Hydratight recently completed a project to replace and install the bolt tensioning systems at Maanshan nuclear plant in Taiwan. However, rather than replace them with brand new units, the company was given the challenge of providing a like-for-like replacement.

The original tensioning systems at Maanshan had been working perfectly for twenty years, since the plant opened in the early 1990s. What's more, the on-site engineers and technicians were very comfortable with the familiar system. Therefore, when the time came to replace the bolt tensioners (<http://www.hydratight.com/en/products/tension>), Maanshan asked Hydratight for an identical replacement instead of the new state-of-the-art Biach SCT (<http://www.hydratight.com/en/products/tension/biach-sct>).

Unfortunately, the original Biach RPV tensioning system included many components that were no longer available, due to the rapid progress of nuclear engineering (<http://www.hydratight.com/en/industries/nuclear>) technology. Hydratight experts therefore needed to re-engineer some of the small components within the tensioner, in order to meet the customer's requirements. Maanshan was eventually provided with a package worth \$1 million, including three QD tensioners, hydraulic pumping units, hoses and harnesses.

Technical support was also provided during the installation of the new RPV tensioners, including supervision and training of staff. In addition, when on-site engineers experienced problems during the replacement of a seal, a Hydratight expert was flown in overnight from Singapore. The company's global engineering service means a world-class expert is never far away.

Website: <http://www.hydratight.com/en>

Hydratight's aim is to maximise safety and improve operational efficiency by supplying products and services that provide leak-free connections.

Their experience, comprehensive product range and on-site service teams support our global customers via a network of 35 strategic locations and a team of 1,000 people.