

solutions in water



ISSUE 2

FUNDING THE NEXT
GENERATION OF
IRRIGATION

SUSTAINABLE
SUCCESS FOR
SHINGLEBACK

SENTEK SENSES
SUCCESS ACROSS
THE GLOBE

J & H WILLIAMS
BREAKING NEW
GROUND



Water Industry
Alliance

J & H Williams providing world class metal fabrication solutions

J & H Williams is an organisation pushing the envelope in state of the art light sheet metal fabrication and engineering integration services, utilising laser cutting, computer numerical control (CNC) turret punching, press braking and welding of ferrous metals, stainless steels and aluminium.

Using technology and methodology in everything they do, they are helping define world's best practices in the industry.

Water Industry Alliance Leading Edge Member J & H Williams has a solid history of working in the defence sector on projects such as the M113 Upgrade Program and the Air Warfare Destroyer Project. To date they have provided over 80% of all heating, ventilation and air conditioning ducting to ASC built blocks amounting to a total of over 8000 items with more than 3000 individual items per ship.

J & H Williams was also the prime subcontractor to the University of Adelaide during the construction and installation of the Adelaide Wind Tunnel, the second largest such facility in Southeast Asia. Their staff fielded the construction manager and provided the fabrication and metal

installation services to the project.

Dr Michael Riese, principal engineer and business development manager, explains that their passion, perseverance and people are what makes J & H Williams such a great success story, enabling them to deliver on time, to spec and additional cost savings time and time again for their customers.

"We simply ask organisations to engage us early on in a project, and we can show them with little effort how to save money in manufacturing, assembly and installation," said Dr Riese.

BAE Systems Australia and Normet are just a few of their clients, and J & H Williams is now expanding into the water industry through the supply of a wide variety of metal fabrication solutions to the hydroelectric and water management industries.

"Our CNC capabilities enable us to produce high quality sheet metal products on time and to budget. By utilizing advanced manufacturing methods such as turret punching and laser cutting combined with NC press brake folding, we are able to generate and cut sheet metal components much more rapidly and more accurately than even 5 years ago. This allows us to reduce the manufacturing and lead times and hence costs to our customers."

"Our manufacturing practices can help companies to cut costs during manufacturing by up to 50% through integrated prototype designs and our

extensive experience as a leader in the industry. Through our involvement in the defence sector, our company is geared especially to support a low volume, high mix flow of components and manufacture to the highest quality standards, resulting in peace of mind for our clients that their job will be done professionally, to specification and on time," said Dr Riese.

J & H Williams is a third generation family company that was established in Port Adelaide in 1946 and since then has evolved into a dynamic engineering firm that offers a wide variety of light engineering services.

With over 65 years of experience, they have been specialising in light and medium sheet metal fabrication of single unit and small batch production runs. Through design optimisation for fabrication and a proven supply chain network, J & H Williams provide innovative solutions to ensure their clients companies work more efficiently and effectively; helping companies to save time and money.

Not only is this organisation leading the way in metal fabrication, but they also have a great sense of humour. For an informative (and equally funny) experience, visit www.jandhwilliams.com/videos to learn more about this innovative South Australian company, or see www.docs.jandhwilliams.com.

Picture: Nathan Wallis operating a CNC turret punch.

