



Marketing & Communications

December 2016

Call for Case Studies!

We are urgently needing more material for Case Studies to go in the magazines *Construction Engineering Australia* and *Roads & Civil Australia*, on our website, & on our facebook page - which is great exposure for your company! AND, you can print them to give to prospective clients.

Don't forget if you are a full Precaster Member you receive 5 Free Case Studies per year!

The process is easy... simply fill out and return as much of the pro-forma as you can, preferably along with some high resolution photos. Amanda will then call you to arrange a time for a 10 minute chat. We will then draft the story and send to you for approval. We can also assist with obtaining photos if needed.

[Click here to see all our Member Case Studies.](#)

[Click here for a Case Study pro-forma.](#)

Please [contact Amy](#) if you have any queries.



Building serenity...

Australia's first government-recognised Buddhist College has opened in Wollongong, south of Sydney. The \$40 million Nan Tien Institute (NTI) is being built on an industrial and engineering site that produces the benchmarks of construction. The opening of the facility comes after 15 years of planning, design and construction work and marks the realisation of a vision by the monks of the Nan Tien Temple. The Buddhist Temple, which is the largest in the Southern Hemisphere, was established 30 years ago.

Designed to foster Buddhist beliefs

The NTI consists of a main hall, a library, a meditation hall, a research centre, an office and a kitchen. The main hall is the largest and most important building. It is a circular building with a large dome and a red roof. The building is designed to foster Buddhist beliefs and practices. The building is a masterpiece of modern architecture and design.

Precast for form and function

A choice of precast concrete was the preferred solution for the building. It was chosen for its strength, durability and ease of installation. The precast concrete was used for the walls, floors and roof. The building is a masterpiece of modern architecture and design.



Precast manufacturer
Tassal

Builder
Robert C. Baker
Construction

Engineer
Tassal Consulting &
McLennan Associates

Architect
Woods Bagot

Client
The Buddhist
Institute of Wollongong
and Sydney

www.nti.org.au



Tassal hatchery expansion

One of Tasmania's most successful brands, Tassal, is expanding and precast concrete is playing a big part. The salmon producer is doubling its world-best capacity at its 140-hectare Tassal Valley. The company's state-of-the-art hatchery has been replaced ahead of a doubling in production of young salmon.

PRECAST SOLUTION REQUIRED

Local producer and National Precast member Duggans Precast has been part of several projects with Tassal, according to General Manager Brett Harty.

"They came to us to help with a potential solution with a new and even more," Harty says. "We worked with them, and an engineering firm, to come up with a solution." The solution was an important factor for the client. Tassal had identified to get the right fit, so we worked really hard to make this happen for completion."

CURVED PRECAST ELEMENTS FOR TANKS

Harty says the work was carried out in several stages and began with a trial order and tank. "It was not only a water tank, and we needed to make sure the structure and the concrete base played their part in holding it together and keeping it under pressure."

The two curved main tanks manufactured by the producer were unique for the project. One main tank was horizontal for the 12 metre diameter tanks, which were made up of two panels. The second main tank for the 12 metre diameter tanks was vertically cast due to the 12 metre radius and the challenge of concrete placement. These tanks were cast in three panel sections.



Precast manufacturer
Duggans Precast

Client
Tassal Operations

Engineer
Gandy and Howells

www.duggansprecast.com.au



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