

# MARINE DEMOLITION



## Protecting marine environments

Our significant experience in bridge deconstruction means we appreciate the unique environment in which marine demolition occurs. Typically constrained by strict environmental conditions and technical challenges, detailed demolition planning is required to ensure safe and effective project delivery.

Tailoring the approach according to each project's specific needs, we integrate multiple demolition techniques and draw on the experience and skills of our team and marine project delivery partners.

Where underwater demolition capability is required, we utilise the diamond wire saw designed by one of our marine partners, which has the capability to cut up to 1500mm 350 steel piles.

Whether your marine demolition project involves a bridge over water or is located in a port environment, we are able to support you with all elements of the project, from planning through to completion.

Our success in marine demolition is evident in the Bateman's Bay Bridge demolition (NSW) and the Chinaman's Creek Bridge demolition, which was located within the Great Barrier Reef Marine Park, as well as the Port of Bundaberg project where we were commissioned to remove petroleum tanks from the port area.

DEMEX has also completed multiple projects on remote islands off the east coast of Australia, and conducted demolition works associated with demolition of the heavy load out facilities at the Port of Dampier in Western Australia.

## About DEMEX

### OVERVIEW

DEMEX is a specialist demolition contractor combining services in decommissioning, deconstruction, remediation, and civil works to deliver end-to-end solutions on projects across the industrial, property development, resources and energy, government, and marine sectors. With a national reach, we assist clients to achieve successful end of asset outcomes through responsible and safe decommissioning, deconstruction, and remediation.

Operating as a business since 1993, DEMEX Pty Ltd incorporated in its current form in 2019. Having delivered specialist demolition, civil, and remediation services since 2014. We undertake projects both as principal contractor and subcontractor on sensitive, complex, high profile projects in diverse sectors, including energy, resources, government, infrastructure, industrial, marine, and construction.

### PROJECT DELIVERY

- ECI & enabling works
- Demolition strategy
- Approvals
- Programming
- Costing
- Project execution
- WHSEQ
- Value engineering

### INDUSTRY

- Mining & Resources
- Industrial
- Health & Education
- Government & Defence
- Property & Construction
- Infrastructure
- Oil & Gas
- Ports & Marine

### CAPABILITY

- Demolition
- Civil & bulk earthworks
- Remediation
- Asbestos & hazmat services
- Remote & regional delivery
- Partial & whole structures
- Sustaining capital upgrades
- Asset removal & resale
- Recycling

### COMMITMENTS

We recognise responsible corporate citizenship is an ongoing process that periodically requires adjustment to meet our own internal objectives and stakeholder expectations. Our commitment to community is demonstrated in supporting local and regional businesses through the purchase of ongoing additional items such as maintenance supplies and services along with delivery of community initiatives, adherence to a robust code of ethics, and providing pre-vocational training opportunities for skilled and unskilled local labour. In terms of Indigenous and local economic development we procure locally and undertake cross cultural project specific training, both for the DEMEX crew and Indigenous contractors.



Queensland  
Government





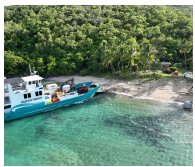
# Track Record



## PORT OF DAMPIER DEMOLITION

As part of the Port of Dampier redevelopment designed to meet expanded trade requirements, DEMEX was engaged by principal contractor Clough WeBuild to demolish the heavy load out facility and alternative load out facility at this port. This project has involved removal of over 120 steel piles embedded below sea level using a vibro hammer for extraction.

\$3 M



## MULTIPLE REMOTE ISLAND PROJECTS

DEMEX has been engaged multiple times by various Queensland State Government departments to undertake remote island clean up works, including asbestos removal, demolition, and remediation. Project delivery has had to account for challenging logistics due to extreme tidal and weather conditions, limited or no access to services or supply, and stringent environmental and cultural heritage requirements.

\$2 M  
/project



## BATEMANS BAY BRIDGE

Collaboration with builder and global engineering team to conduct complex demolition of a 307 metre bridge over the Clyde River in New South Wales. Innovative demolition method allowed for the 10 bridge spans to be removed in single lifts. Over 90 percent of materials recycled.

\$11 M



## HAUGHTON RIVER

Part of the Queensland State Government's infrastructure upgrade of the Bruce Highway to for vehicle travel in the region. The works included demolition of a vehicle bridge over the Haughton River, Horseshoe Lagoon and Pink Lilly, in addition to two asbestos containing houses and batt house sheds.

\$1.9 M



## CHINAMANS CREEK

DEMEX was engaged in a demolition planning process to overcome the significant complexity of the project arising from its location and stringent environmental conditions

\$0.95 M



## PORT OF BUNDABERG

DEMEX was engaged by Okara Pty Ltd to undertake demolition of all on site structures and removal of 8 fuel storage tanks at the Port of Bundaberg, located in Bundaberg, a regional Queensland town. Removal of the tanks was another step in the upgrade of port infrastructure being undertaken by the owner, Gladstone Port Corporation.

\$0.33



## DALRYMPLE BAY STACKER ST1

Dismantling and removal of Stacker ST1 from the Dalrymple Bay Coal Terminal located approximately 40 kilometres south of Mackay. DEMEX responded to an urgent client request for the project to be delivered within two weeks, which the project team successfully achieved

\$2.7 M



## BOYNE ISLAND SMELTER

DEMEX was engaged as a principal contractor to undertake removal of hazardous Spent Cell Lining material from five 5,000m<sup>3</sup> tanks and demolition of the tanks. Demolition was conducted over two stages using a controlled collapse method. The material's toxicity meant it was necessary for works to be conducted at night and under optimal weather conditions.

\$0.5 M



## WILD DUCK ISLAND

Demolition and removal of all island infrastructure, plant, equipment and material associated with the abandoned resort construction on a remote 338 hectare island off the Central Queensland Coast. Rehabilitation to support natural regeneration and return to local Koinjama people.

\$1.3 M

