

## Australian Timber Projects

*Listed below are some of our recent projects using the “Modified Shock Testing” System (Mod-Shock™).  
These are Australian projects and do not include any of the 5,000 piles tested throughout Asia each year.*

<b>Year</b>	<b>Client</b>	<b>Location</b>
2005.	Westernpower Moirra Shire Parks Victoria.	Testing of 500 timber poles in an extended trial, WA. Testing of timber piles to Yamba bridge, Vic. 10 <sup>th</sup> year of testing marine piles for this client, 387 piles at 5 jetties.
	Country Energy Westernpower	Testing of in excess of 900 utility poles, Glenn Innis, NSW. Testing of 100 utility poles, for pull over comparison testing. WA.
2004	Sea Coatings Connell Wagner Sea Coatings Parks Victoria	Testing of Timber piles, NAB building, Docklands Testing of timber piles, Flinders Wharf, Vic Testing of timber piles, wharf 8, Sydney, NSW. Testing of over 700 timber piles on 8 piers, Port Phillip Bay, Vic.
	Sydney Maritime Museum	Testing timber piles and tie rods, Sydney, NSW.
2003	Gippsland Ports Transport-SA Debra Mine Robert Bird & Partners Powercor	Re testing of repaired piles at Port Welshpool, Vic. Testing of timber piles at Port Lincoln, SA. Testing of timber structures to Gold mine, Bendigo, Vic. Testing of timber piles to a jetty on the Brisbane River, Qld. Testing of over 2,000 timber utility poles, for detection of rot and termite attack, Vic.
	Sea Coatings	Testing of timber piles at Berths 14,15 and 16 on the Yarra river, Melbourne, Vic.
	Skilled Engineering	Testing of timber piles at Yarra river development, Melbourne, Vic.
2002	Transport-SA	Testing of piles to two piers, Moonta Bay and Port Lincoln, over 700 no. piles.
	Gippsland Ports. Energy Australia.	Testing of Port Welshpool jetty, over 700 no. piles. Development of system to determine Bending Moments of Timber poles, successfully completed.
	UAM.	Testing of over 1,000 timber utility poles for determination of defects.
	Powercor.	Testing of over 700 timber utility poles for inspection purposes
	Vic Roads.	Successful in open tender for research project for the testing of timber piles to structures.
	Sea Coatings Pty. Ltd.	Retesting of timber and steel piles after repairs at Vic Dock 16 and 17.
2001	Transport-SA Seacoatings Parks Victoria. Fisher Stewart.	Testing of three piers at Kangaroo Island, over 800 no piles Testing of piles at Jones Bay, Sydney with over 780 no piles Testing of 3 no. piers, Sorrento, Rhyll and Mordialloc. Testing all piles for the Navigation aids for Port Phillip and Western Port Bays, over 680 piles.
	Victorian Channel authority.	Re testing of the Corio Channel markers to determine rate of worm attack, over 200 piles and structure inspections.
2000	Transport-SA	Ports Division 8 no. piers tested with over 1,600 no. piles
	Seacoatings Australia	Testing of piles at Walsh Bay, Piers 8 & 9, 450 no. piles
	Ports Corp-SA	Testing of piles on two (2) pier, 120 no. piles
	Transport-SA Transport-SA	Testing six (6) piers with over 800 timber piles tested Testing of eight (8) piers with over 1,400 no. piles tested

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	Main Roads-WA GHD-MacKnight Fisher Stewart	Testing of three (3) bridges with over 350 timber piles Testing of the Swan Island Jetty, over 50 no. piles Asset management for Navigation Aids, Port Phillip & Westernport Bays
1999	Grafton City Council Transport-SA NSW-Dept of Public Works Chris O'Brien & Co. Enerserve Transport-SA  Remedial Engineering Parks Victoria  Transport-SA	Testing of timber piles to three (3) piers Testing of timber piles to six (6) piers Testing of timber piles to Wharves 4 & 5, Walsh Bay, NSW Testing of timber piles to the Venus Bay Pier Testing of timber light poles Testing of timber piles at American River, Kingscote and Port Pirie, SA Testing of timber piles to the Yarra & Eastern piers, Geelong Testing of timber piles to the Flinders, Queenscliff South, Altona, Pt. Lonsdale & Rosebud piers. Testing of timber piles to the Mt. Dutton Bay, Port Lincoln, North Shields, Louth Bay, Port Neill, Arno Bay & Cowell jetties.
1998	Parks-Victoria Parks-Victoria SeaCoatings/McConnell Dowell  Shoalhaven City Council GHD-MacKnight Parks-Victoria  Alexander Gillon & Partners GHD-MacKnight  Electricity Association of New South Wales Bonacci Winward  Robert Bird & Partners	Testing of timber navigation aids in Westernport Bay, Victoria Testing of timber navigation aids in Port Phillip Bay, Victoria Testing of repaired timber and existing piles for the Woolloomooloo Re-development, Sydney, NSW, 2,800 piles. Testing of timber piles and beams to three (3) bridges. Testing of timber piles to the pier at Port Campbell, Victoria Testing of timber piles to St. Kilda, Hampton & Frankston Piers, Victoria. Testing of timber piles to Appleton Dock, Victoria. Testing of timber & steel piles to Victoria Dock, Victoria  Involved as an NDE practitioner for R&D Project for testing of timber electricity poles Testing of timber columns and beams for a renovation project, Sydney. Testing of timber columns for a renovation project, Brisbane.
1997	Barwon Heads Coastal Committee Walker/Multiplex Development  Parks & Waterways, Victoria  Parks & Waterways, Victoria  Victorian Channel Authority  National Capital Authority  Multiplex  Victorian Channel Authority  Parks Victoria Parks Victoria TNT-Geelong Port Pty Ltd	Timber pile testing to two (2) piers at Barwon Heads, Victoria Timber piles testing to in excess of 500 no. piles at the Woolloomooloo Wharf, Sydney, NSW Timber pile testing to the Tankerton Jetty, French Island, Victoria Navigation aids – Westernport Bay, Portarlington Pier, Port Phillip Bay, Queenscliff Pier & marina Timber pile testing to the navigation platforms in Geelong, Victoria Timber & timber composite piles at Lake Burley Griffin, Canberra, ACT Testing of timber, steel & concrete/timber composite piles 760 no. at Woolloomooloo, Sydney, NSW Timber pile for navigation aides to approaches at Geelong, Victoria Timber pile testing at Portarlington Timber pile testing to navigation aids in Westernport Bay, Vic Testing of timber piles to the Lascelles Wharf, 640 no. piles

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	TNT-Geelong Port Pty Ltd	Tersting of 500 no. timber piles to an oil terminal, Berths 1 & 2, Geelong, Victoria
	Department of Public Works & Services	Testing of timber storey posts to Wharves 4 & 5, Walsh Bay, NSW
1996	Port of Melbourne Authority	Timber pile testing to the Seaford Pier, Victoria
	Port of Melbourne Authority	Timber pile testing to the Altona Pier, Victoria
	Parks & Waterways	Timber pile testing of the San Remo, Corinella and Rhyll piers, Victoria
	Parks & Waterways	Timber pile testing to the Flinder Breakwater, Victoria
	Parks & Waterways	Timber pile testing to the Queenscliff Pier & Mooring piles, Victoria
	Port of Geelong	Timber pile testing of Corio Quay, Geelong, Victoria
	Port of Geelong	Timber pile testing to a Grain Terminal, Geelong, Victoria
	Port of Geelong	Timber pile testing to an oil terminal, Geelong, Victoria
	Gippsland Port Authority	Timber pile testing to the pier at Port Welshpool
	Melbourne Parks & Waterways	Timber pile testing tot he Tankerton Jetty, French Island, Vic
	Victorian Channel Authority	Timber pile testing to the navigation platforms, Geelong, Victoria
	BECA-Simons	Timber pile testing to the navigation channel light structures, Geelong, Victoria.