

Measurement Technology NW designs and manufactures sophisticated testing and measurement instrumentation systems for a variety of commercial, research, and government clients worldwide.

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*Your source for advanced winch line control and monitoring systems*

## Project Profile #8 – Robway Crane Safety, Inc.

Graeme Cashen from Robway Crane Safety Inc., the North American distributor for Robway Crane Safety Systems Pty. Ltd., likes to describe his company's product lines as being for "anything that lifts anything else up." Heavily involved in all types of crane applications, Robway Crane Safety provides products and consulting services for drilling rigs and platforms, pipe laying, mooring, barges and support vessels, as well as port and shipyard material handling systems.



Although Robway manufactures their own line of load indicators, according to Graeme they are primarily crane-specific devices. "For my purposes the LCI-90 winch monitor from Measurement Technology NW was a great find. Even though we offer similar products, I could see a need for the LCI product line, especially for our in-house testing of running line tensiometers and load cells, and for winch monitoring applications where high visibility is a key issue. I first discovered the LCI-90 on the internet, and was impressed with the bright EL (electroluminescent) display. I get involved in quite a few outdoor applications, and in direct sunlight the LCI-90's display is so much more visible than the LCD-based displays I've seen from other suppliers. I also like how it's set up - with easy connections, easy operation, and great documentation. It's a nice user-friendly package, and I put mine to work right away."

Measurement Technology NW developed the LCI-90 to be a drop-in replacement for the now-defunct LM-2000 displays from MD Totco. The comparison stops there however, as the LCI-90 features a rugged stainless steel and lexan front panel with five permanently sealed stainless steel pushbuttons. These pushbuttons provide access to a clear, English language-based programming menu that allows the operator to configure and calibrate the display, change units on-the-fly, set alarms, and

control serial data flow to remote displays or a PC computer. In both hardware and software, the LCI-90 was built to thrive in the kinds of conditions faced every day by oceanographic researchers, tugboat operators, offshore oil rigs, commercial and military ships, and fishing vessel crews around the world.

"I've used lots of line control systems over the years," added Graeme, "and some are complicated. These LCI-90 displays are different. They're tough, robust units that are very easy to understand, which is IMPORTANT because varying amounts of our time is spent training operators and technicians, as well as providing backup support. I think the typical operator could become a comfortable LCI user after just a few minutes of hands-on practice, and they'd have no problem customizing



the display for their specific application. Measurement Technology NW support has been very good when any questions do come up, and I can tell you that the whole LCI product/service package impressed me so much I asked to become an MTNW distributor!"

For new or retrofit winch instrumentation projects, the rugged power, easy versatility, and surprising affordability of Measurement Technology NW's LCI displays can make your day. For needs as simple as a drop-in replacement for a failed LM-2000, to more complex assignments like a new shipboard winch monitoring system, our high-performance LCI-90/LCI-100 displays will impress you too.

Find out what MTNW can do to boost the capabilities of your winch monitoring system by contacting us at 206-634-1308, or sending an email inquiry to [ICI@mtnw-usa.com](mailto:ICI@mtnw-usa.com).

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