

Helping Slade Industries to
provide their customers with
efficient and accurate service



Slade Industries, Australia

BEAMEX
CASE
STORY

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beamex
WORLD-CLASS CALIBRATION SOLUTIONS

Since 1975, Australian company Slade Industries has offered specialist instrumentation and calibration services to help their customers' businesses run at optimum efficiency. The company, which operates out of Brisbane, Queensland, sees many businesses whose assets have suffered from an overreliance on factory calibration. This has led Slade Industries to promote and provide regular expert recalibration for accurate process control. For businesses that need precise and reliable servicing for vital processes such as shutdowns or turnarounds, Slade Industries can use their extensive array of calibration equipment to deliver high-quality, accurate results.

Exact requirements for optimal results

"As instrumentation process control specialists, instrument calibrations are a crucial and integral part of our project and client asset services," explains Michael Slade, Managing Director of Slade Industries. "Every year we carry out approximately 5,000 calibrations to ensure that client plant instrumentation is working within its operational tolerances. If process instrumentation is not calibrated on a regular basis, there is no certainty that the plant is operating at optimum design capability. We help to make sure these calibrations happen."

With calibration such a central part of the work carried out by Slade Industries, it is essential that their equipment provides the highest standards of accuracy and efficiency. "For field calibration, we require solutions that are compact and fully functional, while still delivering efficiency and assisting with our quality assurance and control," explains Slade. The company provides complete process control instrumentation capability, so its calibration requirements are extremely broad. "This is why we require process calibration equipment that can provide a range of instrumentation calibration criteria in a robust and compact solution."

Why Slade Industries chose Beamex

"Our company performed extensive research and completed thorough due diligence as part of our calibration solutions review," points out Slade. "We chose Beamex as we feel the company is the industry leader when it comes to instrumentation calibration solutions. In addition, the majority of our clients use CMX software as their instrumentation database. By choosing Beamex we can provide a complete project solution including a CMX Quality Assurance Technician who can manage the instrumentation calibration package for our clients for a seamless and complete project delivery."

The benefits of Beamex calibration solutions

"Our company now owns a wide selection of Beamex products to facilitate the majority of our plant instrumentation calibration requirements," shares Slade. "We've found Beamex multifunction calibrators robust, easy to use, compact, and extremely reliable. The temperature calibrators can be used across a wide range of temperatures, sensors, and sensor sizes and can even be integrated with Beamex multifunction calibrators to provide a complete temperature calibration solution. Beamex hand pumps

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cover the majority of pressure ranges and can be adapted to most process connections. Finally, the CMX software ties the calibration solution together exceptionally well."

"Beamex fulfilled all our requirements with a complete package including field calibrators, equipment, and the CMX software solution," continues Slade. "This has helped us to execute our services more efficiently, which in turn means cost savings for our clients. We've also been able to eliminate data errors caused by manual data entry, including eliminating the ability to falsify a calibration result. It is very easy to download instrument calibrations to the field calibrators as well as to upload completed calibrations to the CMX system. Furthermore, accuracy is increased as calibration tolerances can be defined by the critical nature of the instrument function. This means that the Safety Instrument System or the instruments controlling the plant and equipment can have a tighter tolerance for accuracy. Because past calibration reports are saved in archive files, we have greater traceability for plant audits, which is extremely important to reduce liability for asset owners. Finally, the quality of service we've been able to provide to our clients has been noted on numerous occasions, and Beamex equipment has most certainly contributed to this."

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BEAMEX PRODUCTS IN USE

- 2 × MC4 multifunction calibrators
- 11 × MC6 multifunction calibrators with the majority containing a range of internal pressure modules including additional communication options (FB/MB temperature communications, HART communication and documenting functionality)
- Temperature dry blocks
 - 1 × FB150R (−25 ... 150 °C) including PT-100 high-accuracy temperature probe
 - 1 × FB660 (50 ... 660 °C)
- 27 x external pressure modules (various ranges, −400 mbar up to 1000 bar)
- 19 pressure pumps:
 - 3 × PGL (−400 ... +400 mbar) low-range hand pumps
 - 5 × PGV/PGM (0 ... −0.95 bar) / PGM (0 ... 20 bar) hand pump combined kits
 - 3 × PGC (−0.95 ... +35 bar) hand pumps
 - 7 × PGXH (0 ... 700 bar) high-range hand pumps
 - 1 × PGHH (0 ... 700 bar) high-range hand pump

CASE STORY IN BRIEF

The best on the market by far

“We chose Beamex because it is the best instrumentation calibration solution on the market by far. Our company stands for high service quality and client satisfaction; the equipment we use as part of our service delivery is an essential part of our reputation. The quality of Beamex products, backed by their leading-edge software, allows us to deliver the high standards of accuracy and efficiency our customers have come to expect. This is why Beamex is our calibration solution of choice.”



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