

A photograph of an industrial facility, likely a port or a large-scale processing plant. The scene is dominated by a complex structure of metal platforms, stairs, and railings, all painted in a bright yellow color. A long, elevated conveyor belt extends from the structure towards the right side of the frame. In the foreground, a silver train car is visible, partially obscured by the industrial equipment. The background shows a landscape with sparse vegetation and a clear sky. The overall lighting suggests it might be late afternoon or early morning.

**QUALITY HANDLING SYSTEMS
PTY LTD**

QHS

**MECHANICAL
SAMPLING**

**EQUIPMENT & SYSTEMS FOR THE AUTOMATIC
SAMPLING OF SLURRIES & BULK MATERIALS**



Mechanical Sampling

Quality Handling Systems (QHS) is an Australian Company specialising in the design and construction of mechanical sampling systems to both the Australian and world markets. QHS is currently the largest supplier of mechanical sampling equipment in Australia.

QHS engineers have worked for over 20 years in this field designing sampling equipment and systems for installation in many countries for a wide range of bulk materials and slurries.

QHS designs, manufactures and installs all equipment required for a sampling system, including samplers, crushers, conveyors, chutes, dividers, support structures, electrical controls, etc. QHS have experience in sampling a wide variety of materials each with different handling characteristics and different sampling Standard's requirements. Some of these materials include coal, coke, sinter, iron ore, cement, limestone, phosphate, lead concentrates, zinc concentrates, copper concentrates, grain, gold ore, various slurries, alumina, aggregates, fertilizers, etc.

Each material being sampled has its own particular characteristics and many locations have physical constraints on the arrangement of the sampling equipment. For these reasons, some of the equipment supplied by QHS is often individually designed or customised to suit a particular application. Sampling equipment that is simply selected from a catalogue often proves to be inappropriate for the material being sampled.

As well as supplying complete new sampling systems, a major part of QHS business includes repairs, upgrades, modifications and repairs, to existing sampling systems. This work is done to correct problems such as reliability, accuracy and blockages in existing sampling systems as well as modifying systems to comply with current International Sampling Standards.

QHS services include :-

- ⇒ Technical reports and specifications on the requirements for new sampling systems.
- ⇒ The design and construction of sampling systems and equipment.
- ⇒ Technical reviews and audits on existing sampling systems to advise modifications required to improve reliability and/or bring them up to compliance with the relevant International Standard.
- ⇒ The upgrade of existing sample systems to improve reliability and/or bring them up to compliance

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Quality Handling Systems Pty Ltd are continually striving to improve our products and we therefore reserve the right to alter design and/or specifications without notice.

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