



NEWS RELEASE

Loma Systems *Weights In* on European Approval

Loma Systems has been granted an OIML R51 Certificate of Conformity and an EC type examination certificate in accordance with the European Measuring Instruments Directive (MID) for its tough and accurate CW³ Super HeavyWeight and HeavyWeight checkweighers by the National Measurement Office (NMO).

Loma's CW³ checkweigher, which is designed to ensure long-term accuracy and stability in adverse environments, underwent testing at the NMO bespoke facility in Teddington, London. The CW³ was positioned in an environmental chamber which simulates extreme operating conditions such as temperatures between -5°C and +40°C with 85% humidity. Additionally, the checkweigher was tested in an anechoic chamber, which is used to simulate the effects of radiated RF electrical interference.

The NMO is responsible for the Weights and Measures Act which is the main legislation covering weights and measures controls in the UK, and is a Notified Body for conformity assessment activities under the MID. NMO is also the UK Issuing Authority for OIML Certificates of Conformity. OIML (International Organization of Legal Metrology) R51 is used as Normative Document to demonstrate conformity with the essential requirements of the MID.

MID certification is recognised across Europe and covers metrological aspects of the equipment such as accuracy, readability of display, technical functionality, electronics, controls and test methods. The assessment process also ensures that the checkweighers cannot be used fraudulently. OIML R51 approval can be used to gain approval in countries outside of Europe.

The EC type examination certificate means that Loma can offer its approved checkweighing solution throughout the EU and confirms the Company's commitment to ensuring that their checkweigher range is not just the market leader in accuracy but also further demonstrates that Loma checkweighers are 'designed to survive'.

The CW³ Super HeavyWeight can accurately weigh heavy products up to 50kg. This capacity broke new ground with the NMO as this was the heaviest capacity automatic dynamic checkweigher which has been submitted for approval.

Paul Dixon, Product Certification Manager for the National Measurement Office said, “This project undertaken with Loma provided some real challenges in the field of dynamic weighing. The success of the project now means that Loma’s range of checkweighers has been broadened from 6kg to a 50kg capacity”.

Checkweighers without such ratings are not built to withstand the harsh conditions of manufacturing environments and can be susceptible to producing false readings. Additionally, machinery can suffer from a number of costly faults such as inaccuracy, weight drift and intermittent ‘freezing’ which all result in incorrect machine statistics.

Simon Spencer, Managing Director of Loma Systems comments, “We are really pleased that our next generation CW³ checkweigher has been awarded both OIML R51 and MID approval. We always endeavour to build machines that are robust and reliable and this further cements our position in the market. Additionally, downtime is a major problem in any processing line, as weighing equipment is critical to production. However, customers can have peace of mind knowing that there is a lower risk of downtime from checkweighers that have passed such approvals”.

This certification builds on Loma’s already approved CW³ checkweigher range which can now accurately weigh from 6kg to 50kg. The Loma CW³ checkweigher range is the result of over 40 year’s expertise in the food processing and packaging industry. The range can cater for all packs, cans, bottles, pouches, bags, sacks and blister packs making it ideal for both the food and pharmaceutical markets.

Loma’s range of checkweighers are easy to set up and install, offering flexibility without compromising on precision.

Loma’s checkweighers are capable of accuracy levels between 0.06g to 1.4g standard deviation, can weigh products between 5g to 50kg and can run up to 120 metres per minute all this backed by Loma’s ‘designed to survive’ philosophy.

For more information about Loma please visit our website: www.loma.com.



