

Industrial Rubber plc

takes quality control to new levels with iNexiv VMA-2520

Industrial Rubber plc manufactures rubber moldings and built a solid worldwide reputation for technical ability, flexibility, customer service and quality. Manufactured components are destined for many downstream manufacturing sectors, including medical, electronic, electrical, automotive, rail, aerospace and other engineering industries. One of its best known products, the "Light Dome" road stud reflector, is approved by the Department of Transport for use on all the UK's roads and motorways. Industrial Rubber recently invested in a new iNexiv VMA-2520 to assure its customers of consistent high-quality products no matter where in the world they are manufactured.

Simon Elgar, Quality Manager explains: "In addition to comprehensive plant and machinery in the UK, Industrial Rubber also has sister companies in China, enabling dual manufacturing at home and abroad. This is a great advantage in meeting large batch orders and in ensuring continuity of supply even when customers have exceptional demand."

Quality-checking rubber components can be challenging as rubber is a dynamic material that can compress under its own weight, can be flexible and can deform on contact. Non-contact vision metrology systems are, therefore, the only realistic inspection option. All quality checks are carried out centrally at Industrial Rubber's UK site and when Industrial Rubber decided recently to upgrade its QC facilities, it chose to invest in an iNexiv VMA-2520 vision metrology system.

"The iNexiv VMA-2520 has given us a whole new level of accuracy and precision. We can now measure to four decimal places of accuracy and can check the pieces visually with minute detail. This is an excellent quality control tool for some of our precision pieces destined for life-critical medical devices. It allows us to monitor the quality and repeatability of manufacture with great precision."



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Simon Elgar, Quality Manager for Industrial Rubber plc

Carol Watch, Quality Assurance Technician and iNexiv VMA-2520 user says: "Once the initial setup has been completed, measuring becomes a lot faster and many more measurement tasks can be completed in any given time. Nikon provided training sessions for all the users both individually and in a group to ensure that the system was up and running in the shortest time possible."



Monitoring manufacturing repeatability by checking pieces visually using the iNEXIV VMA-2520