

CASE STUDY

One of the world's leading manufacturers of measuring systems, Renishaw, has again turned to Plasticraft – part of the NHE Group – for the installation of a major processing line at its new factory in Miskin, near Cardiff.



Customer

Renishaw

Industry

**Measuring Systems
Manufacturer**

Installation

**Processing Line at New
Factory**



The latest facility, which comprises a range of processing stages including manual cleaning, chemical polishing, anodising and black dyeing, mirrors a similar installation installed by Plasticraft for the company in 2003 at its premises in Stonehouse, Gloucestershire. Renishaw's continuing success and growth since then has led to production expansion and the consequent need now to commission a second processing line in South Wales.

"Matching the performance and quality of the original Plasticraft installation has been one of the key objectives of this latest investment," comments Will Green, NHE's Sales Director. "The reputation that Renishaw has in its markets worldwide owes much to the high quality of the company's design and production methods for parts that are typically small and lightweight, and often with multiple blind holes. Therefore, our ability to accommodate this significant level of component design detail has clearly been a key consideration throughout the project."

The latest facility features two rows of processing tanks, separated by a central walkway, into which components are positioned manually for the range of processing operations to take place. NHE has also installed an abatement system in conjunction with the process line thereby optimising not only production efficiency but also reflecting Renishaw's commitment to meeting the highest environmental standards.

"Surface preparation and treatment of components have always been important elements in keeping Renishaw's standards at the highest level – not least because this can impact directly on product performance and appearance and, consequently, on its reputation worldwide," says Mike Priddle, NHE's Managing Director.

"We are therefore delighted that the standards achieved by our original installation in Gloucestershire have effectively become a benchmark for this new facility in South Wales. It reflects not only on our design and build capability, but also on our commitment to long term support and our ongoing belief in working closely with every customer to achieve precise objectives," he adds.

"We have built an excellent working relationship with Plasticraft over the last 10 years," says Pete Sprague, Production Manager at Miskin. "The most recent anodising plant installation at our Miskin facility echoes the same high quality and craftsmanship as our Stonehouse plant. The new anodising facility will be instrumental in ensuring we meet the demand in our ever increasing production schedule whilst maintaining our high quality process finishing standards."

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