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What is UID Verification?

UID verification proves that the DataMatrix barcode you put on a part is a high quality mark and can be read by a variety of barcode readers throughout the lifecycle of the product. Quality defects can occur during the creation of the barcode through a variety of means such as a pin on a dot peen machine becoming dull or the printer darkness on a thermal label printer being set too high. Because these minute defects are usually not visible to the human eye, a DataMatrix verifier must do the inspection of the barcode; a high-resolution digital camera with sophisticated image-processing capabilities.

The MIL-130M specification sites two internationally recognized standards that are used by the UID verification machines to prove that your marks meet DoD quality criteria. The quality standards are:

- AS9132 – For direct marks on parts.
- ISO15415 – For marks on labels.

Typically you will run these tests on your barcodes on a sampling basis. You can then provide your DoD inspector with the results of these grading tests when requested to do so.

How can Roemer help?

Roemer Industries is able to offer UID verification on your customized durable DataMatrix codes using a wide variety of printing, marking, and graphics technologies. We employ a number of different printing processes, which will ensure compliance with the MIL-130M standard; such as ink-jet, laser etching, photo-anodizing, and thermal transfer. In addition, all of our products scan at an ANSI grade of B or better. For those seeking limited numbers of UII/UID labels and nameplates, let Roemer Industries' expertise allow you to focus on your production while we cover the marking and compliance standards.

Contact us for more information: 330-448-2000 x4