

Notice to Suppliers



Application of 3 Dimensional Structured Light (3DSL) Measurement

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Business Unit: Civil Aerospace

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Issue: 1
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For the attention of the Managing Director and Quality Manager

Dear Sir or Madam,

Scope/Applicability:

Applicable to suppliers who manufacture production product where utilising 3 Dimensional Structured Light (3DSL) for final product acceptance.

Introduction:

3DSL measurement technology has the ability to reduce inspection time by up to 60%, but comes with the need for additional controls over that of traditional Co-ordinate Measurement Systems such as CMMs.

In order to ensure robust controls around the use of 3DSL for final product acceptance, Nadcap AC7130/4 has been added to MLC127 – Process Specifications Requiring Nadcap/NUCAP Approval.

Suppliers that use 3DSL for final acceptance of product shall gain accreditation to Nadcap AC7130/4 within 24 months of issue of this NTS.

Suppliers wishing to use 3DSL measurement for final acceptance of product, within this 24 month period and prior to gaining Nadcap AC7130/4 approval, must gain Rolls-Royce Business Metrologist approval before the method is introduced.

Action Required:

In response to this NTS please take the following action:

- Obtain and read the latest version of MLC127.
- Obtain Nadcap AC7130/4 accreditation.
- Ensure that if work is sub-contracted, the supplier has the appropriate Nadcap accreditation.
- Information regarding Nadcap can be found at <http://www.pri-network.org/Nadcap/>

If you have any questions as a result of these changes please direct them to your usual Rolls-Royce purchasing point of contact, or Business Metrologist.

NTS Category:

Engineering / Technical

Authorised by:

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