

## Rolls-Royce: Maintenance Repair and Overhaul (MRO) supply chain Nadcap requirements

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**NTS Number:** NTS339  
**Issue 1**  
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For the attention of the Managing Director and Quality Manager.

**Dear Sir or Madam,**

### **Scope / Applicability:**

Clarification of Nadcap requirements for Rolls-Royce Maintenance, Repair and Overhaul (MRO) suppliers (formerly Gas Turbine Services Repair and Overhaul suppliers), as detailed in SABRe Supplier Approvals. The requirement is applicable to all suppliers performing special processes covered by Nadcap when overhauling and repairing aerospace products for Rolls-Royce. Wherever the term “suppliers” is used in this NTS, it also refers to any applicable sub-tier suppliers.

### **Introduction:**

SABRe Edition 2, sub-clause A1.1 defines the requirement for suppliers performing special processes on Rolls-Royce aerospace products to hold Nadcap accreditation in accordance with Manufacturing Laboratories Catalogue (MLC) 127. NTS 319 clarified a phased implementation during 2011/12 for Non-destructive Testing (NDT), for example Magnetic Particle Inspection (MPI), Fluorescent Particle Inspection (FPI), X-Ray, Heat Treatment and Chemical Processing (including Paint) Nadcap commodities. This phased introduction of special processes will now include the coatings processes commodity.

In addition, for FPI and MPI processes, the Performance Review Institute NDT supplemental check lists AC7114/1S and AC7114/2S are now in scope for Rolls-Royce MRO suppliers where the engine manual specifies that these processes are to be controlled in accordance with TSD594-J Operation 210 and TSD594-J Operation 201.

The timescales within NTS 319 of achieving accreditation in the 3 commodities listed by the end of 2013 remain valid.

### **Action Required:**

Rolls-Royce MRO suppliers are to include accreditation in the coatings processes commodity within their Nadcap implementation plans. It is expected that accreditation in the coating commodity will be gained within 18 months of this NTS being issued.

Rolls-Royce MRO suppliers performing NDT when the engine manual specifies TSD594-J Operation 210 and TSD594-J Operation 201 must now include within their scope of accreditation the supplemental check lists AC7114/1S Revision H and AC7114/2S Revision H (and onward revisions). The Rolls-Royce specific requirements are identified by a U3 designation in the supplemental check lists.

All other NDT supplemental check lists are currently out-of-scope for Rolls-Royce MRO suppliers.

**NTS Category Type: Special Process**

**Authorised by:**

Steve Hunt  
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