

Gas Turbine Services (Repair and Overhaul) Supply Chain Nadcap requirements

Originator: Paul Childs
Job Title: GRS Global Quality Manager
Business Unit: Gas Turbine Services

NTS Number: 319
Issue: 1
Date: December 2011

For the attention of the Managing Director and Quality Manager.

Dear Sir or Madam,

Scope / Applicability:

Clarification of Nadcap requirements for 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, overhauling and repairing aerospace product on behalf of Rolls-Royce.

Introduction:

SABRe Supplier Approvals currently mandates the requirement of Nadcap for suppliers performing special processes on Rolls-Royce Aerospace product. Although this requirement has been focused on the original equipment manufacturing supply chain, the intent was that the Gas Turbine Services (Repair and Overhaul) suppliers should also follow this approach. With the increasing pressure from our customers to improve special process compliance in our Gas Turbine Services (Repair and Overhaul) supply chain, Rolls-Royce has taken the decision to formally mandate the requirement of Nadcap for Gas Turbine Services (Repair and Overhaul) suppliers.

SABRe Supplier Approval requirements are to be updated during 2012, adding a Nadcap requirement for Gas Turbine Services (Repair and Overhaul) suppliers. This requirement is applicable to all suppliers who perform repair and overhaul services in line with R-R purchase orders.

Action Required:

Gas Turbine Services (Repair and Overhaul) suppliers are expected to achieve Nadcap accreditation for special processes performed on Rolls-Royce aerospace product where the following Nadcap commodities apply:

Non Destructive Testing	Coatings	Composites	Chemical Processing
Heat Treatment	Welding	Non Conventional Machining	Surface Enhancement

Accreditation will be conducted against the requirements of the baseline checklist for each special process commodity specified above. A phased approach to Nadcap accreditation (at all levels of the Gas Turbine Services [Repair and Overhaul] supply chain, including special process sub tiers) will be achieved starting with the Gas Turbine Services (Repair and Overhaul) Supply Chain gaining accreditation in one, as a minimum, of the three processes detailed below by the end of 2012, with accreditation to all three process commodities being achieved by the end of 2013: -

1. NDT (MPI; FPI; XRAY)
2. Heat Treatment
3. Chemical Processing (including Paint)

Additional guidance on the phasing of other special process commodities will be provided in 2013. Please contact the GRS Supply Chain Special Process Team to review timescale commitments to meeting this requirement by 31st March 2012 via CR000775@Rolls-Royce.com.

Contact details for Nadcap can be found at the following IP address:

<http://www.pri-network.org/Nadcap/>

NTS Category Type: Special Process

Authorised by:

Steve Hunt
Head of Laboratories, GTS