

Notice to Suppliers



Implementing Our New APQP/PPAP Digital Tool

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Business Unit: Civil Aerospace Operations

NTS Number: 578

Issue: 1

Date: 21 August 2023

For the attention of quality managers, manufacturing/engineering managers, NPI leads and work transfer colleagues within your organisation

Scope/Applicability:

Civil Aerospace Operations suppliers

Dear Supplier Partner,

Introduction:

Advanced Product Quality Planning (APQP) is a proven industry standard practice for ensuring high levels of quality, on-time delivery, and cost reduction. Production Part Approval Process (PPAP) is the output of APQP, confirming that requirements have been understood and verified, and the production process has demonstrated the potential to produce products that consistently fulfil all requirements at the customer demand rate.

Rolls-Royce's requirements for APQP and PPAP are a fundamental cornerstone of our shared journey to Zero Defects. The requirement for suppliers to plan and progress APQP actions, as well as provide evidence to Rolls-Royce through a Product Submission Warrant (PSW) accompanied by a level of evidence defined by Submission Level (SL) has been outlined in SABRe requirements for over a decade.

What is changing?

Currently, providing both APQP information and a PPAP Submission to Rolls-Royce is not straightforward. To simplify the process we are working with Net Inspect™ to enhance the current digital eFAIR solution with an eAPQP-PPAP module. During Q1 2024, we will introduce this module globally for Civil Aerospace as the sole method of providing APQP planning commitments and PPAP submission to Rolls-Royce.

The Net Inspect™ eFAIR solution has been adopted universally by Rolls-Royce's external supply chain parts, as well as other aerospace primes. Extending the capabilities of this tool will provide great benefit to our external suppliers, namely:

- A secure supplier facing tool from the same family as the existing eFAIR tool.
- A lightweight interface for change management - NPI, Design Change and Works Transfers
- Storage, collation, and transmission of APQP information and PPAP Submission evidence directly to Rolls-Royce from within the tool.
- Immediate retrieval of historic submissions from cloud-based storage.

As with the current eFAIR tool, the new module is designed to be fully compliant to export control requirements, prevented unauthorized export control breaches, and is fully compliant to AS13100/9145 Industry Standards for APQP and PPAP. This is in line with Rolls-Royce's continuing strategy to simplify our requirements and align with common industry standards. The new module will be provided to suppliers free-of-charge, in the same manner as the existing eFAIR solution.

Rolls-Royce Requirements

After go-live, suppliers will be required to:

- a. Comply to APQP and PPAP Requirements communicated via the eAPQP-PPAP module
- b. Provide APQP and PPAP planning commitments and Project / Production Preparation Plan via Net Inspect™, maintaining those commitments in the tool during the duration of the change activity
- c. Submit PPAP Submission evidence and PSW Form via Net Inspect™

Rolls-Royce SABRe 4 requirements will be updated to reflect these requirements.

For clarity, the requirement to provide this evidence is already contained within SABRe and is therefore already a Rolls-Royce requirement. The key change is that suppliers will be required to use a modern, cloud-based tool to submit this data!

Suppliers currently using Supply Chain 4.0/Forumpass to submit PPAP documentation to Rolls-Royce will be required to use the Net Inspect™ solution.

Action Required:

We will be in touch later in the year to talk more about specific go live dates. We will provide training in the use of the tool via Webinars and online video courses, as well as more traditional manuals and written instructions.

It is recommended that you identify a key user/users within your organisation – it is strongly suggested that this person is your PPAP Co-ordinator - who can attend the training and provide continuing support for other users within your organisation.

In the meantime, it remains vital that you continue to prepare your organisation for this transition and ensure that your staff are confident and competent users of APQP and PPAP processes. A number of learning resources are available to suppliers to help prepare for the move to Net Inspect™.

Please use the links below to access the content.

- APQP and PPAP industry good practice via [AESQ webinars](#)
- AS13100 content learning provided by the SAE via [AS13100 videos](#)
- Deeper APQP and PPAP learning via [Industry Forum](#)



NTS Category:

Engineering and Technical

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