

King & Fowler UK Ltd

Brunswick Business Park
Harrison Way
Liverpool
L3 4BG

SC10 Approval Number
BAE/AG/10792/MAA

Business Partner
EXT001272

Process ID and Title

LMA-PH016 Conversion Coating of Titanium Alloys

Process Approval Status

APPROVED WITH LIMITATIONS OR
CONDITIONS

Limitations, Conditions and Other Supporting Information

Limited to MIL-DTL-5541 coating of Titanium parts using an F-35 M&P approved technique sheet.

Process ID and Title

2ZZP00001 F-35 Finish Specification

Process Approval Status

APPROVED WITH LIMITATIONS OR
CONDITIONS

Limitations, Conditions and Other Supporting Information

1. Approved for treatments: titanium conversion coating (LMA-PH016).
 2. Approved for the application and touch up of organic coatings per the requirements of LMA-PJ264 and LMA-PJ013.
- See individual process BAPR Approval for any applicable limitations / conditions.

Process ID and Title

LMA-PJ013 Touchup Requirements for Chemical and Organic Finishes

Process Approval Status

APPROVED WITH LIMITATIONS OR
CONDITIONS

Limitations, Conditions and Other Supporting Information

- 1) Approved for the touch up of the following organic coatings: LMA-MR003, AMS-C-27725 (LMA-MR058) and MIL-PRF-85285.
- 2) Approved for the touch up of the following inorganic coatings: MIL-DTL-5541.

Process ID and Title

LMA-PG001 Requirements for Etch/Cleaning prior to Penetrant Inspection

Process Approval Status

APPROVED WITH LIMITATIONS OR
CONDITIONS

Limitations, Conditions and Other Supporting Information

Limited to Titanium parts only.

Process ID and Title

2ZZP00008 Marking of F-35 Parts & Assemblies

Process Approval Status

APPROVED WITH LIMITATIONS OR CONDITIONS

Limitations, Conditions and Other Supporting Information

Limited to Class 2.

Process ID and Title

2ZZP00006 Control of JSF Air Vehicle Critical Parts, General Specification For

Process Approval Status

APPROVED WITH LIMITATIONS OR CONDITIONS

Limitations, Conditions and Other Supporting Information

Sub-tier treatments / inspection supplier: approved for the processing and handling of all critical part types that have been manufactured by a BAE Systems approved third party who holds approval to 2ZZP00006 as defined within this register.

Process ID and Title

LMA-PC201 Penetrant Inspection, General Requirements For

Process Approval Status

APPROVED WITH LIMITATIONS OR CONDITIONS

Limitations, Conditions and Other Supporting Information

- 1) All parts shall be etched in accordance with LMA-PG001 unless otherwise specified on the engineering.
- 2) Acceptance criteria as per LMA-PC003.
- 3) Supplier has approval to inspect F-35 Fracture Critical parts in accordance with LMA-PC201 up to 31st March, 2024 (ref Facility Qualification Record BAE-AP-4030-D).

Process ID and Title

LMA-PJ264 Application and Control of Organic Finishes

Process Approval Status

APPROVED WITH LIMITATIONS OR CONDITIONS

Limitations, Conditions and Other Supporting Information

Approved for the application of the following organic coatings per latest issue of the BAE Systems Materials Governance approved written instructions: LMA-MR003, AMS-C-27725, and MIL-PRF-85285.