

Approval Reference: BAE/AG/10843/MAA

21st November, 2018

Aero Fabrications Ltd Common Lane Watnall Nottingham NG16 1HA

For the attention of: The Quality Authority

Dear Sir / Madam,

#### **BAE Systems (Aircraft Business Units) Supplier Quality Approval**

Following a review of your Quality arrangements, at the location detailed above under the control of the nominated Quality Authority, we have pleasure in granting a Supplier Quality Approval against the following approval requirements for the scope specified (along with any additional approval requirements identified within your scope of approval):-

BAE/AG/QC/SC1 Part 1 – Sub-Contractor (Make to Print)

Your BAE Systems approval number is identified above; this approval number shall be referenced on all relevant documentation. Your approval is valid from the date of this letter; the validity is dependent on your compliance with BAE Systems (Aircraft Business Units) Quality Requirements for Suppliers, reference: BAE/AG/QC/SC1 Parts 1 to 7 (Part specific to your approval type) and any other supplementary programme Quality requirements. Additionally, where organisations undertake activities covering a number of approval types, we may decide to issue a single approval to cover the full scope with specific quality requirements clearly identified within the approval against different sections of the scope or categories of approval. This Letter of Approval does not identify an expiry date; however, your company will be subject to periodic risk based assessments by BAE Systems to maintain the approval validity. This approval shall be disseminated to all relevant areas within your company.

Should you have any queries regarding this approval, please contact the undersigned. A BAE Systems Certificate of Approval will be provided to the Quality Authority upon request.

Yours faithfully, For and on behalf of BAE Systems (Operations) Ltd

Stephen Pollard Head of Quality – Supply Chain BAE Systems – Air

BAE Systems (Operations) Limited Registered Office: Warwick House

PO Box 87, Farnborough Aerospace Centre, Farnborough, Hants, GU14 6YU, UK

Registered in England & Wales No: 1996687

Contact details:

CPMard

BAE Systems, Quality Department, Approvals Co-Ordination Office W1D, Warton Aerodrome, Preston, Lancashire, PR4 1AX, UK.

Tel: +44 (0)3300 481662

Email: mai.supplierqa@baesystems.com

# **Scope / Category of Approval**

## **NON-MACHINED PARTS:**

DETAIL PARTS - METALLIC INVOLVING / NOT INVOLVING HEAT TREATMENT, HYDRAULIC STRETCH FORMING, MECHANICAL PRESS FORMING.

# **NON-DESTRUCTIVE TESTING:**

HARDNESS, CONDUCTIVITY TESTING.

## **PROTECTIVE TREATMENT:**

PAINT SPRAYING AND STOVING, CHROMATE CONVERSION (BONDERITE M-CR 1132 TOUCH AND PREP PEN APPLICATION ONLY).

## **HEAT TREATMENT:**

ANNEALING (ALUMINIUM ALLOYS), SOLUTION TREATMENT (ALUMINIUM ALLOYS), PRECIPITATION (ALUMINIUM ALLOYS).

# **WELDING, BRAZING AND SOLDERING:**

FUSION WELDING - ALUMINIUM ALLOYS, CARBON STEELS, CORROSION AND HEAT RESISTING STEELS.

#### **BONDING:**

STRUCTURAL ADHESIVE BONDING ALUMINIUM ALLOY PLATE TO PLATE.

## **TESTING**:

MECHANICAL TESTING OF METALLIC MATERIALS.

## **ASSEMBLY:**

MAJOR STRUCTURAL ASSEMBLIES, MINOR STRUCTURAL ASSEMBLIES, MINOR MECHANICAL ASSEMBLIES.

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### **MATERIAL CONTROL:**

PROCUREMENT OF RAW MATERIALS METALLIC AND NON-METALLIC, PROCUREMENT OF STANDARD PARTS (FASTENERS).

**NOTE:** THIS APPROVAL ALSO PERMITS CONVENTIONAL MACHINING OPERATIONS TO BE UNDERTAKEN IN SUPPORT OF THE PRODUCTION OF DETAIL / FABRICATED PARTS.

THIS APPROVAL ALSO COVERS THE FOLLOWING ACTIVITIES BEING UNDERTAKEN AT THE FOLLOWING LOCATION:

UNIT A & B BIRCH PARK, COOMBE ROAD OFF ENGINE LANE, MOORGREEN INDUSTRIAL ESTATE, NEWTHORPE, NOTTINGHAM, NG16 3SU.

#### **HEAT TREATMENT**:

PRECIPITATION HEAT TREATMENT ( ALUMINIUM ALLOYS).

## **PROTECTIVE TREATMENT:**

PAINT SPRAYING AND STOVING, CHROMATE CONVERSION (BONDERITE M-CR 1132 TOUCH AND PREP PEN APPLICATION ONLY).

# **ASSEMBLY**:

MINOR STRUCTUAL ASSEMBLY.

THIS APPROVAL ALSO COVERS: THE SUB-CONTRACT OF MACHINING AND PILOT DRILLING OF FLAT PROFILES TO:

PHOENIX CNC ENGINEERING LTD, ACTON ROAD, LONG EATON, NOTTINGHAM, NG10 1FU.

AERO FABRICATIONS LTD ARE RESPONSIBLE FOR THE FLOW DOWN OF ALL REQUIREMENTS AND ALL WORK PACKAGES TO REMAIN UNDER THEIR FULL CONTROL.

PHOENIX CNC ENGINEERING LTD SHALL CONDUCT THE WORK IN ACCORDANCE WITH THEIR AS 9100 APPROVAL AND THIS SHALL BE REFERENCED ON THEIR RELEASE DOCUMENTATION.