

JULY 31, 2024

AERO FABRICATIONS LTD.
COMMON LANE
WATNALL, NT
NG16 1HA
UNITED KINGDOM

SAP Supplier no: **108787**
SAP Notification no: 1000074919

Attention: Ben Dawes, Quality Manager
Subject: **Approval Maintained**

Mr. Ben Dawes,

Bombardier Quality is pleased to inform you that after a detailed reassessment according to Quality Requirements for Suppliers, the "Approval Status" of **AERO FABRICATIONS LTD.** at the above noted address, is maintained and holds the following Bombardier approval(s):

Class A SUBCONTRACTORS
Refer to Appendix A for the list of approved critical and special process specifications and the description of change to the scope of work.

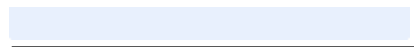
This approval will be maintained on the condition that your company continues to comply with QD 4.6-40, Quality Requirements for Suppliers, and maintains acceptable product delivery performance.

Bombardier Quality may elect to audit your facility at any time during or prior to any contract, in order to:

- Assure continuing compliance with contractual and quality requirements.
- Investigate any quality problems and ensure that effective corrective action measures are implemented.

Your approval status will be periodically reviewed. Based on supplier performance, the approval status of your facility may be revised. It is Bombardier's policy to purchase only from approved suppliers who meet our standards of quality and reliability. We look forward to building a mutually beneficial and lasting relationship, driven by a desire for continuous quality improvement.

Sincerely yours,



Stephen Mota
Professional Sr, Engineering
Supplier Quality Assurance
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Email: stephen.mota@aero.bombardier.com

Appendix A

A.1 List of approved critical and special process specifications

Controlled Spec	Description	Limitation
BAERD-GEN-018-1B	WET CHEMISTRY - TREATMENT OF SOLUTIONS AND WATERS PERFORMED BY CLASSICAL NON-INSTRUMENTAL TECHNIQUES SUCH AS GRAVIMETRIC - VOLUMETRIC - COLORMETRIC OR TITRATION	
BAPS 138-043	APPLICATION OF FLUID RESISTANT PRIMER	
BAPS 138-044	APPLICATION OF FLUID RESISTANT (FR) ENAMELS AND DECORATIVE TOPCOATS	
BAPS 145-002	ELECTRICAL BONDING OF AIRCRAFT	Metal-metal bonds
BAPS 151-001	INSTALLATION OF CONVENTIONAL RIVETS	Manual riveting
BAPS 157-028	PRESSURE AND ENVIRONMENTAL SEALING	Faying surface and fillet sealing of nutplates, Wet installation of fasteners
BAPS 160-020	CHEMICAL CONVERSION TREATMENT FOR ALUMINUM ALLOYS	
BAPS 160-040	CONDUCTIVE CHEMICAL CONVERSION TREATMENT FOR ALUMINUM ALLOYS	Type 2 Grade A touch-up
BAPS 168-007	HEAT TREATMENT OF ALUMINUM ALLOYS	
BAPS 168-013	HARDNESS AND ELECTRICAL CONDUCTIVITY TESTING OF METALS	
BAPS 180-001	ALKALINE CLEANING	
BAPS 180-032	ACID CLEANING AND DEOXIDIZING ALUMINUM ALLOYS	
CAPTIVE LABORATORY	CAPTIVE LABORATORY	
PSPEC 222	FABRICATION OF NCKEL BASED SUPERALLOYS	Cold forming, Learjet Programs Only
PSPEC 401	HEAT TREATMENT OF ALUMINIUM AND ALUMINIUM ALLOYS	Learjet Programs Only
PSPEC 501	MANUAL ARGON ARC WELDING	Learjet Programs Only
PSPEC 801	MANUAL INSTALLATION AND REMOVAL OF SOLID RIVETS	Learjet Programs Only
PSPEC 910	ETCH AND EPOXY PRIMING	Learjet Programs Only

A.2 Description of change to the scope of work

Modification or revocation of approval of critical and special process specifications

Limitations modified:

- **PSPEC 222 FABRICATION OF NCKEL BASED SUPERALLOYS**
 - WAS Cold forming
 - IS Cold forming, Learjet Programs Only

Limitations added:

- **BAPS 145-002 ELECTRICAL BONDING OF AIRCRAFT**
 - Metal-metal bonds
- **BAPS 151-001 FABRICATION OF NCKEL BASED SUPERALLOYS**
 - Manual riveting
- **BAPS 157-028 PRESSURE AND ENVIRONMENTAL SEALING**
 - Faying surface and fillet sealing of nutplates, Wet installation of fasteners

- **BAPS 160-040 CONDUCTIVE CHEMICAL CONVERSION TREATMENT FOR ALUMINUM ALLOYS**
 - Type 2 Grade A touch-up
- **PSPEC 401 HEAT TREATMENT OF ALUMINIUM AND ALUMINIUM ALLOYS**
 - Learjet Programs Only
- **PSPEC 501 MANUAL ARGON ARC WELDING**
 - Learjet Programs Only
- **PSPEC 801 MANUAL INSTALLATION AND REMOVAL OF SOLID RIVETS**
 - Learjet Programs Only
- **PSPEC 910 ETCH AND EPOXY PRIMING**
 - Learjet Programs Only

Removed approvals:

- **BAPS 144-005 IDENTIFICATION OF AIRCRAFT PARTS AND ASSEMBLIES (Intrusive Methods Only)**
 - Only non-intrusive methods are performed (ink marking)
- **BAPS 172-034 FUSION WELDING**
 - No longer performed/maintained for Bombardier work
- **BAPS 180-030 ALKALINE ETCHING OF ALUMINUM ALLOYS**
 - No longer performed/maintained for Bombardier work
- **PPS 01.02 FORMING ALUMINUM ALLOYS**
 - No longer performed/maintained for Bombardier work
- **PPS 20.07 CONDUCTIVITY TESTING**
 - No longer performed/maintained for Bombardier work
- **PPS 20.08 HARDNESS TESTING**
 - BAPS used in lieu of PPS
- **PPS 30.01 HEAT TREATMENT OF ALUMINUM ALLOYS**
 - BAPS used in lieu of PPS
- **PPS 34.08 EPOXY PRIME**
 - No longer performed/maintained for Bombardier work

A.3 Description of Equipment

Equipment	BAPS168-007		Process
JLS Furnace	Serial Nbr 18872	Individual Quench Tank	Solution HT
JLS2 Furnace	Serial Nbr 18960	Individual Quench Tank	Solution HT and Precipitation HT
Hedanair Furnace A	Serial Nbr 19159/A	Shared Quench Tank	Solution HT
Hedanair Furnace B	Serial Nbr 19159/B		Solution HT
Freezer A			
Freezer B			
Freezer D			
Freezer E			
Freezer F			
Freezer G			

Equipment	Chemical Conversion Line
Tank Nbr 2	Solution Turco 4215 NC
Tank Nbr 8	Solution Ardrex 295 GD
Tank Nbr 11	Solution Alocrom 1200
Tank Nbrs 3,4,6,7,12,13	Solution DI fed Water
Drying Oven	Serial Nbr 907938

Equipment	Force Drying per BAPS138-055
Oven Nbr 2	Serial Nbr QT2251/5

Equipment	Paint booths per BAPS138-043 / 044
Paint Booth Nbr 1 + 1A	
Paint Booth Nbr 2	
Paint Booth Nbr 3 + 3A	
Paint Booth Nbr 4	

Additional Notes:

BAPS 138-055 and BAERD GEN-018 Fields 5A and 5E are currently under approval review. Approval letter to follow.