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March 1, 2021

ELEMENT MATERIALS TECHNOLOGY  
DBA ELEMENT BROKEN ARROW  
3100 N.HEMLOCK

SAP Supplier no: **124351**

SAP Notification no: 1000067428

BROKEN ARROW, OK  
74012-1115  
USA

Attention: Gil Monos- Quality Assurance Manager  
Subject: **Approval Maintained**

Mr. Monos

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

***Class A- Subcontractors***

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,  
**Alexandrina  
Stoica**

Digitally signed by Alexandrina Stoica  
DN: cn=Alexandrina Stoica, c=CA,  
email=alexandrina.stoica@bco.bombardier.com  
Reason: I am the author of this document  
Date: 2021.03.01 13:29:21 -0500

Alexandrina Stoica  
Quality Assurance

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F3.8.7.10-3 (03/2017)

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F3.8.7.10-3 (02/2015)

ELEMENT MATERIALS TECHNOLOGY - 3100 N. HEMLOCK CIR. - BROKEN ARROW - 124351

## Vendor

Supplier Desc.

ELEMENT MATERIALS TECHNOLOGY - 3100 N. HEMLOCK CIR. - BROKEN ARROW - 124351

Vendor Name

ELEMENT MATERIALS TECHNOLOGY

Address

3100 N. HEMLOCK CIR.

Zip / Postal code

74012-1115

Country

USA

Vendor Code

124351

City

BROKEN ARROW

State / Province

OK

Phone

800 982 8378

Fax phone

Vendor Classes

A-SUBCONTRACTORS

General Limitation

Approval Status

Approved

Approval Status Modified On

2012-01-26

Activities

Class A - Activities

Independent Laboratory

Class C - Activities

Class E - Activities

Class B - Activities

Class D - Activities

Vendor Controlled Specs Associated

≡ Vendor Controlled Specs Associated

| Controlled Spec<br>^ | Description                                                                                 | Limitation |
|----------------------|---------------------------------------------------------------------------------------------|------------|
| BAERD-GEN-018-1A     | INSTRUMENTAL TECHNIQUES OF CHEMICAL ANALYSIS PERFORMED SUCH AS GFAA - FLAME AA - ICP - DCP. |            |

| Controlled Spec<br>^                                        | 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 |            |
| BAERD-GEN-018-2A                                            | STATIC TESTING - METALS - COMPOSITES - ADHESIVES - RESINS - SEALANTS - PLASTICS - RUBBERS - ETC.                                                                 |            |
| BAERD-GEN-018-3A                                            | METALLOGRAPHIC EXAMINATION OF FERROUS ALLOYS AND METALLIC COATINGS                                                                                               |            |
| BAERD-GEN-018-3B                                            | METALLOGRAPHIC EXAMINATION OF ALUMINUM ALLOYS                                                                                                                    |            |
| BAERD-GEN-018-3C                                            | METALLOGRAPHIC EVALUATION OF TITANIUM ALLOYS                                                                                                                     |            |
| BAERD-GEN-018-3D                                            | HARDNESS AND MICRO HARDNESS                                                                                                                                      |            |
| BAERD-GEN-018-3E                                            | WELDING EVALUATION                                                                                                                                               |            |
| BAERD-GEN-018-5A                                            | CORROSION TESTING                                                                                                                                                |            |
| INDEPENDANT LABORATORY                                      | INDEPENDANT LABORATORY                                                                                                                                           |            |
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## Bombardier Testing Matrix

| <b>Bombardier Test Code per BAERD-GEN-018</b>                                                                                              | <b>Test Description Nadcap MTL Required</b>    | <b>EBA Nadcap Test Code</b>                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------|
| 1A<br>Instrumental Techniques of Chemical Analysis                                                                                         | Atomic Emission Spectroscopy – Spark/Arc (OES) | F3                                                                     |
|                                                                                                                                            | Elemental Analysis Combustion Carbon           | G1                                                                     |
|                                                                                                                                            | Elemental Analysis Combustion Sulfur           | G5                                                                     |
| 1B<br>Wet Chemistry, Treatment of Solutions and Waters Performed by Classical, Non-Instrumental Techniques such as Gravimetric, Volumetric | Chemical Testing                               | Approved by Bombardier per Para 3.5.2 of AC 7108 (Chemical Processing) |
| 2A<br>Static Testing - Metals                                                                                                              | Room Temperature Tensile                       | A                                                                      |
|                                                                                                                                            | Impact Testing                                 | N                                                                      |
|                                                                                                                                            | Bend Testing                                   | XN                                                                     |
| 3A<br>Metallographic Examination of Ferrous Alloys and Metallic Coatings                                                                   | Metallographic Evaluation                      | L0                                                                     |
|                                                                                                                                            | Nitriding                                      | L6                                                                     |
|                                                                                                                                            | IGA/IGO                                        | L7                                                                     |
|                                                                                                                                            | Carburization/Decarburization                  | L10                                                                    |
|                                                                                                                                            | Grain Size                                     | L11                                                                    |
|                                                                                                                                            | Inclusion Rating                               | L12                                                                    |
|                                                                                                                                            | Macro Examination                              | XL                                                                     |
| 3B<br>Metallographic Examination of Aluminum Alloys                                                                                        | Metallographic Evaluation                      | L0                                                                     |
| 3C<br>Metallographic Evaluation of Titanium Alloys                                                                                         | Metallographic Evaluation                      | L0                                                                     |

| <b>Bombardier Test Code per BAERD-GEN-018</b> | <b>Test Description Nadcap MTL Required</b>          | <b>EBA Nadcap Test Code</b> |
|-----------------------------------------------|------------------------------------------------------|-----------------------------|
| 3D<br>Hardness and Microhardness              | Hardness - Rockwell                                  | M2                          |
|                                               | Hardness – Vickers (Macro)                           | M3                          |
|                                               | Microhardness-Interior                               | L1                          |
|                                               | Near Surface Examinations<br>Microhardness (Surface) | L5                          |
| 3E<br>Welding Evaluation                      | AC 7101/3<br>AC 7101/4<br>AC 7101/13<br>AC 7110/13S  | U13                         |
| 5A<br>Corrosion Testing                       | Corrosion General                                    | Q                           |