Supplier Qualification Report

Supplier:

Exova
Testing, calibrating, advising

N°. 1 Festival Units,
The Showground Business Park,
Bridgwater Somerset, TA6 6LS
United Kingdom

Embraer's Quality Representative:

Jackson Campos Rodrigues (Quality Technician Materials Testing Laboratory)
Carlos Eduardo Diniz (Product Development Engineer)

Supplier's Representative:

Chris Martin (Commercial Engineer - Aerospace Europe)

Period: 11th and 12th of December of 2016

Registered to ISO 17025: ☒ Yes  ☐ No

Results:

Embraer recognizes Exova as approved supplier for material testing services.

In order to verify the supplier capability and expertise on materials testing, Embraer Representatives done a technical visit to Exova facilities and evaluated all test related processes, including specimen preparation, dimensional inspection, instrumentation, testing execution, failure inspection and test reports.

This Approval is given after complete evaluation of test processes above and examination of all quality system, management system, equipment, technical staff and accreditations (i.e. NadCap).
Approved Test and Services:

**Metallic Approval List**

**Nadcap scope**

AC7101/3 Rev C

(A) Room Temperature Tensile
(B) Elevated Temperature Tensile
(N) Impact
(O) High Cycle Fatigue
(XN) Bend Testing

AC7101/4 Rev E

(L) Metallography (General)
(L1) Microindentation (Interior)
(L10) Near Surface Examinations – Carburization / Decarburization
(L3) Near Surface Examinations – Oxidation/Corrosion
(L5) Near Surface Examinations – Microindentation (Surface – Case Depth)
(L5X) Near Surface Examinations – Microindentation (Surface) (Chord Method ARP1820)
(L6) Near Surface Examinations – Nitriding
(L7) Near Surface Examinations – IGA, IGO
(L8) Near Surface Examinations – Alpha Case: Wrought Titanium
(XL) Macro Examination

AC7101/5 Rev D

(M1) Brinell Hardness
(M2) Rockwell Hardness
(M3) Vickers Hardness

AC7101/7 Rev C

(Z) Standard Specimen Machining

This approval includes the possible variations of these tests, covered by international standards (i.e. ASTM), Nadcap Accreditations and according definitions of the Structures and Materials Engineering of EMBRAER S.A.

Notes:
- As EMBRAER S.A approved supplier, Exova will be audited periodically.
- This approval may be cancelled in case of major incidents detecting on one or more test methods.

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Quality manager

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Quality supervisor

Jackson Campos Rodrigues  
Quality Technician Materials Testing Laboratory

Carlos Eduardo Diniz  
Product Development Engineer