



**Embraer**  
**Empresa Brasileira**  
**de Aeronáutica S.A.**

Av. Brigadeiro Faria Lima, 2.170  
12227-901 - S. J. dos Campos - SP  
Brasil

Tel.: +55(12) 3927-1662

## Supplier Qualification Report

### Supplier:



Nº. 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: 11<sup>th</sup> and 12<sup>th</sup> 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

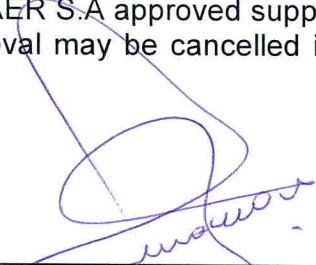
#### AC7101/7 Rev C

- (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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Maurisergio Moraes de Melo  
Quality manager



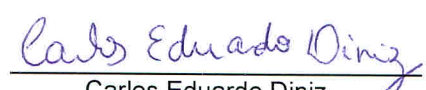
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Jackson Campos Rodrigues  
Quality Technician Materials Testing Laboratory



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Toni Douglas da Gama de Sousa  
Quality supervisor



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Carlos Eduardo Diniz  
Product Development Engineer