



*This certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## **FACC Operations GmbH**

*Fischerstrasse 9  
Ried im Innkreis, A4910  
Austria*

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://www.eAuditNet.com) on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:*

## **Composites**

Certificate Number: 6156175637  
Expiration Date: 31 October 2019

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Composites

#### **FACC Operations GmbH**

Fischerstrasse 9  
Ried im Innkreis, A4910  
Austria

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: [www.eAuditNet.com](http://www.eAuditNet.com) - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### **AC7118 Rev E - Nadcap Audit Criteria for Composites (to be used on audits on/after 11 June 2017)**

CP – Core Processing

LRP – Liquid Resin Processing

PAR – Prepreg/Adhesive Bonding/Resin Film Infusion

#### **Please use for the grading of your audit Rev B - Please select all that apply (to be used on audits on/after 11 June 2017)**

14b – NC Ply Cutting (Applies to CP, KSP, LRP, MB or PAR)

15a.5 or 15a.6 – Complex Core Processing (Septum, Stabilization or Forming, Applies to CP only)

18a or b – Resin Preparation and Mixing (Applies to LRP Only)

19 a or b – Liquid Resin Infusion (Applies to LRP Only)

21a – Autoclave (Applies to LRP, MB or PAR)

21b or c or d – Oven (Applies to CMP, LRP, MB or PAR)

22b – NC Machining/Trimming/Drilling (Applies to CMP, LRP, MB or PAR)

23 – Miscellaneous Bonding (Applies to CMP, LRP, MB or PAR)

Process Capability – CP: Core Processing (Must be checked in section 3B if checked in section 3A)

Process Capability – LRP: Liquid Resin Processing (Must be checked in section 3B if checked in section 3A)

Process Capability – PAR: Prepreg/Adhesive Bonding/Resin Film Infusion (Must be checked in section 3B if checked in section 3A)



*This certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## **FACC Operations GmbH**

*Kammer 32  
Ort Im Innkreis, A4974  
Austria*

*This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in [www.eAuditNet.com](http://www.eAuditNet.com) on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:*

## **Composites**

Certificate Number: 6972175636  
Expiration Date: 31 October 2019

Joseph G. Pinto  
*Executive Vice President and Chief Operating Officer*



## SCOPE OF ACCREDITATION

### Composites

#### **FACC Operations GmbH**

Kammer 32  
Ort Im Innkreis, A4974  
Austria

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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### **AC7118 Rev E - Nadcap Audit Criteria for Composites (to be used on audits on/after 11 June 2017)**

CMP – Compression Molding  
CP – Core Processing  
PAR – Prepreg/Adhesive Bonding/Resin Film Infusion

#### **AC7122/1 Rev B - Nadcap Audit Criteria for Non Metallic Materials Testing – Mechanical Testing**

1.1.1 Tensile Ambient Temperature  
1.1.2 Tensile Non–ambient Temperature  
1.1.3 Tensile Strain Measurement  
1.12.1 Climbing Drum Peel  
1.13.1 Floating Roller Peel  
1.18.1 G1c  
1.2.1 Compression Ambient Temperature  
1.2.2 Compression Non–ambient Temperature  
1.2.3 Compression Strain Measurement  
1.21.1 Flatwise tension, Sandwich  
1.22.1 Sandwich Flexure  
1.23.1 Tube Shear  
1.3.1 Shear Ambient Temperature by SBS  
1.3.2 Shear Ambient Temperature  $\pm 45$  Tension  
1.3.5 Shear Non–ambient (any method)  
1.3.6 Shear Strain Measurement

- 1.4.1 Flexural Ambient Temp
- 1.4.2 Flexural Non-ambient
- 1.4.3 Flexural Strain measurement
- 1.8.1 Double Lap Shear – Ambient Temperature
- 1.9.1 Single Lap Shear – Ambient Temperature
- 1.9.2 Single Lap Shear – Non-ambient Temperature

**AC7122/2 Rev A - Nadcap Audit Criteria for Non Metallic Materials Testing – Physical Testing**

- 2.1.3 Hardness Testing: Durometer
- 2.2.1 Density/ Specific Gravity
- 2.3.1 Resin/Fiber /Void Content by: Acid Digestion
- 2.3.2 Resin/Fiber /Void Content by: Burn off
- 2.3.3 Resin/Fiber /Void Content by: Solvent wash
- 2.5.1 Volatile Content
- 2.6.1 Gel Time
- 2.7.1 Flow
- 2.8.1 Fiber Areal Weight
- 2.8.2 Prepreg Areal/Adhesive Film Weight
- 2.9.1 Viscosity Liquid Resin

**AC7122/4 Rev A - Nadcap Audit Criteria for Non Metallic Materials Testing – Thermal Analysis**

- 4.1.1 Dynamic Mechanical Analysis (DMA)
- 4.3.1 Differential Scanning Calorimetry (DSC)

**AC7122/5 - Nadcap Audit Criteria for Non Metallic Materials Testing – Flammability**

- 5.1.1 Vertical

**AC7122-P Rev B - Nadcap Audit Criteria for Non Metallic Materials Testing – Laboratories P - Part Manufacturers Captive Laboratories Part manufacturer's captive testing laboratories (Only in conjunction with AC7118)**

- Class A: Composites
- Class B: Adhesive/Adhesive Primer

**Material Class - checking all that apply**

- Class A: Composites
- Class B: Adhesive/Adhesive Primer

**Please use for the grading of your audit Rev B - Please select all that apply (to be used on audits on/after 11 June 2017)**

- 14b – NC Ply Cutting (Applies to CP, KSP, LRP, MB or PAR)
- 15a.5 or 15a.6 – Complex Core Processing (Septum, Stabilization or Forming, Applies to CP only)

16e – AFP (Applies to PAR only)

16g – Hot Drape Forming (Applies to PAR only)

16j – ATL (Applies to PAR only)

21a – Autoclave (Applies to LRP, MB or PAR)

21b or c or d – Oven (Applies to CMP, LRP, MB or PAR)

21e or f – Press (Applies to LRP, MB or PAR)

22b – NC Machining/Trimming/Drilling (Applies to CMP, LRP, MB or PAR)

23 – Miscellaneous Bonding (Applies to CMP, LRP, MB or PAR)

Process Capability – CMP: Compression Molding (Must be checked in section 3B if checked in section 3A)

Process Capability – CP: Core Processing (Must be checked in section 3B if checked in section 3A)

Process Capability – PAR: Prepreg/Adhesive Bonding/Resin Film Infusion (Must be checked in section 3B if checked in section 3A)



*This certificate is granted and awarded by the authority of the Nadcap Management Council to:*

## **FACC Operations GmbH**

*Industriegebiet  
Kammer 37 Reichersberg, A4981  
Austria*

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## **Composites**

Certificate Number: 8475175635  
Expiration Date: 31 October 2019

Joseph G. Pinto  
Executive Vice President and Chief Operating Officer



## SCOPE OF ACCREDITATION

### Composites

**FACC Operations GmbH**  
Industriegebiet  
Kammer 37 Reichersberg, A4981  
Austria

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In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

#### **AC7118 Rev E - Nadcap Audit Criteria for Composites (to be used on audits on/after 11 June 2017)**

CP – Core Processing

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Process Capability – LRP: Liquid Resin Processing (Must be checked in section 3B if checked in section 3A)

Process Capability – PAR: Prepreg/Adhesive Bonding/Resin Film Infusion (Must be checked in section 3B if checked in section 3A)