



# APPROVAL

It is hereby certified that the company

**COTESA GmbH**

**Bahnhofstraße 67**

**09648 Mittweida**

is qualified for following

## **SPECIAL PROCESSES**

- Composite manufacturing - monolithic
- Non-Structural Bonding
- Incoming Inspection (Laboratory)

This qualification is granted under the conditions defined in appendices 1-3

Donauwörth, 28.05.2014

U. Kleinert

**Special Processes Quality Assurance**

B. Osti

**Supplier Quality**

AHD RC SPV2012-02 Issue A



# APPENDIX 1

## **SPECIAL PROCESS: Composite manufacturing (monolithic)**

### **Performed in accordance with the following documents:**

- EI045 31-2919-1                      Manufacture of structural fiber-reinforced plastic (FRP) components by using matrix M18/1, 145.8
- EI045 31-2910                        Manufacture of parts from pre-impregnated fibre-composite materials using manual Lay-up
- L045 31-2910                        Procedure for the repair and manufacture of components
- S283M3101X01                        Manufacturing Instruction for FLATPART

### **With the following resources:**

n/a

### **This Qualification is based on the following results:**

AHD Special Processes Audit report 400015211  
AHD Special Processes Audit report 400015782  
QP-SPV2013-03  
AHD-TN-EDVLM- 2014-004  
CTS-REP-007 Issue 0

### **The Qualification is subject to the following specific conditions:**

None

### **Restrictions:**

None

This qualification could be suspended or cancelled at any time in case of decrease in quality. All modifications initiated by supplier must be submitted to AIRBUS Helicopters Deutschland GmbH for approval. In case of AIRBUS Helicopters Deutschland GmbH documentation revision, modifications have to be implemented or request for deviation has to be submitted to Airbus Helicopters Deutschland GmbH for approval.

AHD RC SPV2012-02 Issue A



# APPENDIX 2

## SPECIAL PROCESS: Non-structural bonding

### Performed in accordance with the following documents:

- EI045 80-E- 34-9032 Bonding non-structural joints
- S283M3101X01 Manufacturing Instruction for FLATPART
- A&P\_PLRT0428\_13 Supplier procedure – bonding processing

### With the following resources:

n/a

### This Qualification is based on the following results:

AHD Special Processes Audit report 400015211  
AHD Special Processes Audit report 400015782  
QP-SPV2013-03  
AHD-TN-EDVLM- 2014-004  
CTS-REP-007 Issue 0

### The Qualification is subject to the following specific conditions:

None

### Restrictions:

None

This qualification could be suspended or cancelled at any time in case of decrease in quality. All modifications initiated by supplier must be submitted to AIRBUS Helicopters Deutschland GmbH for approval. In case of AIRBUS Helicopters Deutschland GmbH documentation revision, modifications have to be implemented or request for deviation has to be submitted to Airbus Helicopters Deutschland GmbH for approval.

AHD RC SPV2012-02 Issue A



# APPENDIX 3

## SPECIAL PROCESS: Incoming Inspection / Laboratory

### Performed in accordance with the following documents:

- DIN EN 2243-1 Lap shear strength
- DIN EN 2243-2 Peel strength
- AITM 3-0002 DSC
- DIN EN ISO 2555 Viscosity\*
- HS7100-Q-014 T-Peel
- EI071 IGC-04-26-270 Drum Peel Tool Side
- EN2563 ILSS warp direction
- EN2558 Volatile Content
- EN2559 Method C Resin Content
- EN2559 Fiber mass per unit area
- EN2557 Prepreg mass per unit
  
- ECS0019 Part 1 Glass prepreg
- ECS6054 Part 1 Adhesive pastes
- ECS6115 Part 1 Sheet Rubber Compound

### With the following resources:

n/a

### This Qualification is based on the following results:

AHD Special Processes Audit report 400015211  
AHD Special Processes Audit report 400015782  
QP-SPV2013-03  
AHD-TN-EDVLM- 2014-004  
CTS-REP-007 Issue 0

### The Qualification is subject to the following specific conditions:

\*Viscosity testing as per DIN EN ISO 2555 is performed by an external laboratory which is certified as per ISO 17025.

### Restrictions:

None

This qualification could be suspended or cancelled at any time in case of decrease in quality. All modifications initiated by supplier must be submitted to AIRBUS Helicopters Deutschland GmbH for approval. In case of AIRBUS Helicopters Deutschland GmbH documentation revision, modifications have to be implemented or request for deviation has to be submitted to Airbus Helicopters Deutschland GmbH for approval.

AHD RC SPV2012-02 Issue A

