

# APPROVAL

It is hereby certified that the company

**GMA-Werkstoffprüfung GmbH**

Hochgrasweg 52

D-86316 Friedberg

is qualified for following

**SPECIAL PROCESSES**

- Penetrant testing (PT) including etching of Aluminium and Aluminium Alloys prior Penetrant Inspection
- Magnetic testing (MT)

This qualification is granted under  
the conditions and restrictions defined in annexe 1 and 2

**Marion BLACAS**

Special Processes Management

ETXLL

**Raimund GROSSBERGER**

Supplier Quality Management

EDQDX

Thibaut  
Campodarve -  
SIG

Digitally signed by Thibaut  
Campodarve - SIG  
Date: 2020.10.19 10:37:36  
+02'00'



(Grossberger)

# ANNEXE 1

**SPECIAL PROCESS :** Penetrant testing (PT)

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

- VA-PT-04.1 Revision 21
- VA-PT-04.2 Revision 4 Appendix G
- VA-PT-04.5 Revision 1 Appendix F
- VA-Beiz-01 Rev.1 (surface preparation)

**Compliant with following AH requirements:**

- EI078 10-009 Issue E  
Surface preparation :
- EI045 35-0110 Issue B
- EI045 35-0114 Revision 03-04

**With the following resources:**

- FPI Line 1 – small line (length of parts to inspect max 500mm)
- FPI Line 2 – big line (length of parts to inspect max 1000mm)

For Alkaline Pickling of Aluminium and Aluminium Alloys and Pickling (Brightening) of Aluminium and Aluminium Alloys in Nitric Acid :

- GMA Pickling line: Build up by Rauch OHG in 2017/2018 – Product Code PM29/09/017
- Products: TURCO 5759 / Nitric Acid HNO<sub>3</sub> technically pure

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

- SPV Qualification Audit 20-AHE-0001142
- SPV Qualification Audit SPV2018-05
- Process Qualification Report SPV2018-05

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

Safety class: Critical 1, Secondary (2 and 3) according EP04-06.

**Restrictions:**

- Testing of components of the military helicopter maintenance division is prohibited
- Only etching of Aluminium and Aluminium Alloys prior fluorescent penetrant inspection.

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 for approval. In case of Airbus Helicopters documentation revision, modifications have to be implemented or request for deviation have to be submitted to Airbus Helicopters for approval.

## ANNEXE 2

**SPECIAL PROCESS :**        **Magnetic Testing (MT)**

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

- VA-MT-02.1 Rev.14

**Compliant with following AH requirements:**

- EI078 10-014 Issue D

**With the following resources:**

- MT Bench 1 Karl Deutsch UWE 900 max. 2500 Ampere AC (length max.900mm)
- MT Bench 2 Tiede Multitest 1600cc max. 4000 Ampere AC (length max.1600mm)
- MT Bench 3 Karl Deutsch UWE 600 max. 2000 Ampere AC (length max.600mm)

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

- SPV Qualification Audit 400020064
- Process Qualification Report NDT\_MT\_2017-107

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

Safety class: Critical 1, Secondary (2 and 3) according EP04-06.

**Restrictions:**

- Testing of components of the military helicopter maintenance division is prohibited

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 for approval. In case of Airbus Helicopters documentation revision, modifications have to be implemented or request for deviation have to be submitted to Airbus Helicopters for approval.