

APPROVAL

It is hereby certified that the company

BK Werkstofftechnik (Applus)

(5066114)

Zur Aumundswiese 2

28279 Bremen

Germany

is qualified for following

SPECIAL PROCESSES

Materials Testing (lab testing)

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

Special Processes Management
ETXLL

RECORD OF REVISIONS

Issue	Modified by	Description of Change / modified pages	Date of change
ETXLL 2021-0214 A	U. KLEINERT / ETXLL	New document	07.07.2021

ANNEXE 1

SPECIAL PROCESS : Materials testing (lab testing)

Performed in accordance with the following documents:

EI075 10-007 Material-related inspection of metallic raw materials and semi-finished parts

- Hardness Test (Brinell/Vickers/Rockwell) ISO 6506; ISO6507;ISO6508
- Chemical composition AIMS 03-18-001
- Impact test/charpy pendulum ISO 148-1:2017-05
- Tensile testing EN ISO 6892-1 :2019/ DIN 50125 2016-12; EN2002-1
- Conductivity AITM6-6008 Rev. 2
- Grain size determination ASTM E112-2013; ISO 643

With the following resources:

- OES (optical emission spectrometry) device
- Pendulum charpy test device (Impact Testing RT)
Zwick RKP 450, MP 006100, 450 J
- Universal testing machines (tensile testing):
Zwick Z1484, 200 kN, MP 003100, Load range: 4-200 kN
Zwick Z1484 Retro, 200 kN MP 008700, Load range: 0,5-200 kN
- Conductivity measurement:
Sigmascope, Fischer, S/N 030002430; Reference blocks: Set No. 114 (8/7/2024)
- Metallography laboratory
- Hardness tester:
Emco, MP 003400; Dia Testor 2n, MP006400; Dia Testor 2Rc, MP 001600

This Qualification is based on the following results:

Test Reports (round robin 4916-07372)

Special process audit report 21-AHE-00014385

Qualification Program SPV2016-08-2

The Qualification is subject to the following specific conditions:

Metallic raw material only

Safety class: Critique (1A) , Important (1B) & Secondary (2 and 3) according EP04-06.

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 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.