ETXLL-SPV 2025-0862
Marignane, October 30th, 2025

APPROVAL

It is hereby certified that the company

ELEMENT MATERIALS TECHNOLOGY Teesside (5081569)
HOLWICK ROAD RIVERSIDE PARK
TS2 1QS MIDDLESBROUGH – GREAT BRITAIN

is qualified for following
SPECIAL PROCESSES

- ***Others test methods: Spectroscopy (plasma)***
- ***Others test methods: Combustion analysis***
- ***Others test methods: Hydrogen content in titanium and alloys***
- ***Others test methods: Spectroscopy (gaz fusion)***

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

Special Processes Management

Nathalie Mourre - SIG

Signature numérique de Nathalie Mourre - SIG
Date : 2025.11.03 13:42:52 +01'00'

AH Laboratory

Alexandre Gautheron - SIG

Signature numérique de Alexandre Gautheron - SIG
Date : 2025.11.04 11:29:43 +01'00'

AIRBUS

HELICOPTERS

ETXLL-SPV 2025-0862
Marignane, October 30th, 2025

RECORD OF REVISIONS

Issue	Modified by	Description of Change / Modified pages	Date of change
-	M. SMITH ETXLL	Qualification of the following special processes: - **Others test methods: Spectroscopy (plasma)** - **Others test methods: Combustion analysis** - **Others test methods: Hydrogen content in titanium and alloys** - **Others test methods: Spectroscopy (gaz fusion)**	30.10.2025

AIRBUS

APPENDIX 1

SPECIAL PROCESS : OTHERS TEST METHODS: SPECTROSCOPY (PLASMA)

Performed in accordance with the following documents :

Airbus Documentation :

- ASTM E2371 Standard Test Method for Analysis of Titanium and Titanium Alloys by Atomic Emission Plasma

Supplier Documentation :

- N/A

With the following resources :

- N/A

This Qualification is based on the following results :

- Qualification program ETXLL-SPV 2024-0550
- Documentation analysis N/A
- Audit report N/A
- Action plan N/A
- AH test report N/A
- Supplier test report N/A

The Qualification is subject to the following specific conditions :

Safety class : N/A
Design applicability : AH/AHD according to L-DEV-03-022.

Restrictions :

None

APPENDIX 1

SPECIAL PROCESS : OTHERS TEST METHODS: COMBUSTION ANALYSIS

Performed in accordance with the following documents :

Airbus Documentation :

- ASTM E1941 Standard Test Method for Determination of Carbon in Refractory and Reactive Metals and Their Alloys

Supplier Documentation :

- N/A

With the following resources :

- N/A

This Qualification is based on the following results :

- Qualification program ETXLL-SPV 2024-0550
- Documentation analysis N/A
- Audit report N/A
- Action plan N/A
- AH test report N/A
- Supplier test report N/A

The Qualification is subject to the following specific conditions :

Safety class : N/A
Design applicability : AH/AHD according to L-DEV-03-022.

Restrictions :

None

APPENDIX 1

SPECIAL PROCESS : **OTHERS TEST METHODS: HYDROGEN CONTENT IN TITANIUM AND ALLOYS**

Performed in accordance with the following documents :

Airbus Documentation :

- ASTM E1447 Standard Test Method for Determination of Hydrogen in Titanium and Titanium Alloys by the Inert Gas Fusion Thermal Conductivity/Infrared Detection Method

Supplier Documentation :

- N/A

With the following resources :

- N/A

This Qualification is based on the following results :

- Qualification program ETXLL-SPV 2024-0550
- Documentation analysis N/A
- Audit report N/A
- Action plan N/A
- AH test report N/A
- Supplier test report N/A

The Qualification is subject to the following specific conditions :

Safety class : N/A
Design applicability : AH/AHD according to L-DEV-03-022.

Restrictions :

None

APPENDIX 1

SPECIAL PROCESS : OTHERS TEST METHODS: SPECTROSCOPY (GAZ FUSION)

Performed in accordance with the following documents :

Airbus Documentation :

- ASTM E1409 Standard Test Method for Determination of Oxygen and Nitrogen in Titanium and Titanium Alloys by the Inert Gas Fusion Technique

Supplier Documentation :

- N/A

With the following resources :

- N/A

This Qualification is based on the following results :

- Qualification program ETXLL-SPV 2024-0550
- Documentation analysis N/A
- Audit report N/A
- Action plan N/A
- AH test report N/A
- Supplier test report N/A

The Qualification is subject to the following specific conditions :

Safety class : N/A
Design applicability : AH/AHD according to L-DEV-03-022.

Restrictions :

None