ETXLL-SPV 2025-0877 Marignane, November 5th, 2025

It is hereby certified that the company

ELEMENT HOUSTON (5081583) YORKTOWN 77040 HOUSTON - USA

> is qualified for following SPECIAL PROCESSES

- Grain size
- **Micrography**

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

Special Processes Management

AH Laboratory

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FORM

ETXLL-SPV 2025-0877 Marignane, November 5th, 2025

RECORD OF REVISIONS

Issue	Modified by	Description of Change / Modified pages	Date of change
-	M. SMITH ETXLL	Qualification of the following special processes: - Grain size - Micrography	05.11.2025





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ETXLL-SPV 2025-0877

APPENDIX 1

SPECIAL PROCESS: GRAIN SIZE

Performed in accordance with the following documents:

<u>Airbus Documentation</u>:

- ASTM E112 Methods for Determining the Average Grain Size.

<u>Supplier Documentation</u>:

- N/A

With the following resources:

N/A

This Qualification is based on the following results:

ETXLL-SPV 2024-0551 - Qualification program

 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.



ETXLL-SPV 2025-0877

Marignane, November 5th, 2025

APPENDIX 1

SPECIAL PROCESS: MICROGRAPHY

Performed in accordance with the following documents:

Airbus Documentation:

- EN 3114-001 Aerospace series - Microstructure of $(\alpha+\beta)$ titanium alloys wrought

products - Part 1, 2, 3 and 4.

ASTM E3
 Standard Guide for Preparation of Metallographic Specimens –

Micrographic examination.

ASTM E407 Standard Practice for Microetching Metals and Alloys.

Supplier Documentation:

- N/A

With the following resources:

N/A

This Qualification is based on the following results:

Qualification program ETXLL-SPV 2024-0551

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.



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