

This certificate is granted and awarded by the authority of the Nadcap Management Council to:

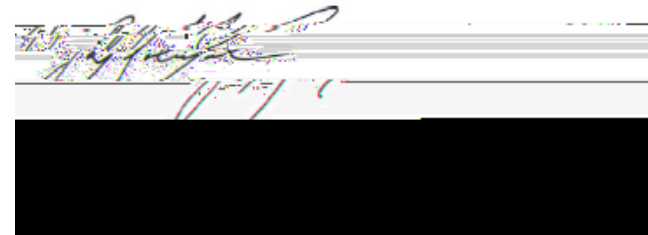
Element Hamburg

Lahnstrasse 26
Mulheim, 45478
Germany

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturer's List (QML), to the revision in effect at the time of the audit for:

Materials Testing Laboratories

Certificate Number: 17174230537
Expiration Date: 28 February 2026
Accreditation Length: 18 Months



SCOPE OF ACCREDITATION

Materials Testing Laboratories

Element Hamburg
Lahnstrasse 26
Mulheim, 45478
Germany

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7000 Rev A - AUDIT CRITERIA FOR NADCAP ACCREDITATION

AC7101/1 Rev H - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on audits on/AFTER 10-Dec-2023)

AC7101/3 Rev D - Nadcap Audit Criteria for Materials Testing Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)

(A) Room Temperature Tensile

(A1) Room Temperature Tensile with Elastic (Young's) Modulus

(N) Impact

AC7101/4 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories – Metallography and Microindentation Hardness (to be used on/after 14 August, 2016)

(L0) Metallographic Evaluation

(L1) Microindentation (Interior)

(L10) Near Surface Examinations – Carburization / Decarburization

(L11) Grain Size

(L12) Inc-166 Td/8 12 001/1 o sa5 Tf()Tp -16 Td/8 12 Tf0 f()Tp -16 Td/8 -16-Crg 8nDAoc on/after 4 Decem

AC7101/4 Rev F Nadcap)Tp F 8 tr)

Testing Specimen Preparation (to be used on audits on/after 15 May 2016)

(Z) Standard Specimen Machining

AC7101/14 Rev NA - Nadcap Audit Criteria for Materials Testing Laboratories – Proficiency Testing and Internal Round Robin Requirements for ALL Laboratories (to be used on audits on/AFTER 10-Dec-2023)

ISO/IEC - Currently accredited by an ILAC approved source

Lab Type - Lab Type

Independent