

Audit AU2009057

931501 Element Mtrl Techn. Tees (LAB)

Audit type: System / External Lab
 Audit trigger: Follow up
 Unplanned:

 Status: Signature Provided
 Planned date: 2018-07-10 00:00 to 2018-07-10 00:00

 Date: 2018-07-10 00:00 to 2018-07-10 00:00

Audit result

Rating: Approved/Godkänd

This Document contains no Technical data

Persons involved

Role	Description
Lead Auditor	Jonas Reimer
Approver	Per Rehdell
Engineering	Joakim Skoog
Auditor	Anders Nilsson

Audit Report

Distribution list

GKN Aerospace Sweden AB (GAS) Supplier Portal (GKN Aerospace Sweden AB approved Laboratories)

Background

The system concerning GKN Aerospace, Sweden (GAS) designed products requires Method Approval from GAS for laboratories performing material testing or testing to verify requirements per the method standard VOLS:10071573: Control of Materials and Methods.

GKN Aerospace Auditor



Purchasing Engineering



GKN Aerospace Quality Manager



GKN Aerospace Sweden AB
 SE-461 81 Trollhättan
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All Laboratories must be listed in the database for Nadcap approvals or have an ISO 17025 approval for the scope which is used on the GAS parts.
Ref. Standard VOLS:10071573: Control of Materials and Methods.

Time

The audit has been performed 2018-07-10

Address:

Element Materials Technology Teesside
Holwick Road
Riverside Park
Middlesbrough TS2 1QS
United Kingdom.

previously called:

Exova Ltd
Holwick Road
Riverside Park
Middlesbrough TS2 1QS
United Kingdom

Lead Auditor

Jonas Reimer
Auditor
Anders Nilsson

Participant of the supplier.

This audit is an approval based on certification.

Audited requirements

Standard VOLS:10071573: Control of Materials and Methods

Non Conformance

Conclusion

The scope of accreditation to ISO/IEC 17025:2005 (UKAS No. 0038 issue. 056) for Element Materials Tech. Teesside and Nadcap approval with exp date 2018-07-31, has been reviewed.

Element Materials Tech. Teesside is approved for work in below Nadcap process codes on GAS designed products controlled by GAS specification VOLS:10071573 (Control of Materials and Methods).

Materials Testing (MTL)

Mechanical Testing

XN, A, B, N

Mechanic. Test. Specimen prep.

Z, Z3, Z4

Chemistry

G2, F2, F3, S, G1, G5, G4, G3

Ti Base, Fe Base, Ni Base, Co Base, Al base

Hardness testing

M1, M2, M3

Metallography and Microhardness

L0, L1, L2, L5, L7, XL, L10, L11, L12, L13

Corrosion testing

Q1

Evaluation of welds:

Suppl. A, Metallurgical evaluation of welder/welding operator qualification

Suppl. B, Metallurgical evaluation of fusion welds

Suppl. E, Bend test of welder/welding operator qualification

Suppl. E, Bend test evaluation of fusion welds

- Bend, CTOD, fracture, hardness, impact, tensile micro and macro-examination.

Based on this data and information we have discussed the potential risks and can recommend Element Materials Technology Teesside

as Approved Supplier to GKN Aerospace, Sweden to 2018-09-30.