

Audit AU2011627

931052 IMR Test Labs. Inc.

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

Status: Signature Provided
Planned date: 2020.03.24 00:00 to 2020.03.31 00:00

Date: 2020.03.10 00:00 to 2020.03.24 00:00

Audit result

Rating: Approved/Godkänd

This Document contains no Technical data

Persons involved

Role	Description
Approver	Per Rehdell
Lead Auditor	Anders Nilsson
Engineering	Sven Johansson

Audit Report

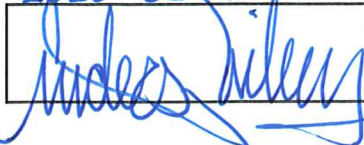
The system concerning GKN Aerospace Sweden designed products requires Method Approval from GKN Aerospace Sweden(GAS) for laboratories performing material testing or testing to verify requirements per the method standard VOLS:10071573: Control of Materials and Methods. All Laboratories must be listed in the database for Nadcap approvals or have an ISO 17025 approval for the scope which is used on GKN designed parts.
 Ref. Standard VOLS:10071573: Control of Materials and Methods.

Time

The audit has been performed 2020-03-24.


GKN Aerospace Auditor

2020-03-25




Purchasing

Engineering



GKN Aerospace Quality Manager

2020-03-25



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Lead Auditor

Anders Nilsson

Previous audits:

AU2005305, 2015.02.19
AU2007705, 2017.02.28
AU2009777, 2018.09.03
AU2010345, 2019.02.11

Participant of the supplier.

This audit has been done without communication with supplier. It is an approval based on certification.

Audited requirements

Standard VOLS:10071573: Control of Materials and Methods

Nadcap approvals for IMR Test Labs has been reviewed and are valid until 2022-01-31. In addition MR Test Labs holds a a2La accreditation to ISO/IEC 17025;2005 valid to 2020-04-30.

Non Conformance

Conclusion

The Nadcap and ISO 17025 approvals for IMR Test Labs has been reviewed. IMR Test Labs is approved for work in below Nadcap process codes on GKN Aerospace, Sweden designed products controlled by GKN Aerospace, Sweden specification VOLS:10071573 (Control of Materials and Methods).

Materials Testing (MTL)

Mechanical Testing (A, B, C, XN, N)

Mechanical Testing Specimen Preparation (Z, Z1, Z2, Z3, Z4)

Hardness Testing (M1, M2,M3)

Corrosion (Q, Q1)

Metallographic Evaluation of Welds

Suppl. A Metallurgical Evaluation of Welder/Welding Operator Qualifications

Suppl. B Metallurgical Evaluation of fusion welds

Suppl. C Metallurgical Evaluation of electrone beam and laser welds

Suppl. D Metallurgical Evaluation of resistance welds

Suppl. E Bend Test Evaluation of welder/welding operator qualification welds

Suppl. E Bend Test Evaluation of fusion welds

Suppl. E Bend Test Evaluation of Welder/welding operator qualification welds

Metallography and Microindentation Hardness L5, L5X, L2, L3, L6, L7, L10, L11, L12,XL, L1, L0)

Chemical Analyses (G4, G5, S, V,F2, F3, G3, G2, G1)
Ni Base, Mg Base, Al Base
CU Base, Co Base, Ti Base
Fe Base,

Based on this data and information we have discussed the potential risks and can recommend IMR Test Labs for continuation as an Approved Supplier to GKN Aerospace, Sweden to 2021-03-31.

Assigned documents

Description	Description
IMRNadcapscopeMech..pdf	Nadcapscope
IMRNadcapcert.pdf	Nadcapcert
IMRa2la.docx	ISO17025cert
IMRmech17025.pdf	acc. ISO17025
BKGASCoating IMR Test lab.msg	kjellmancoating
LennartAåsikt.msg	LennartAåsiktASTM945
SvenJåsiktASTM945.msg	SvenJåsikt