

Deutsche Akkreditierungsstelle

Annex to the Partial Accreditation Certificate D-IS-11166-01-01 according to DIN EN ISO/IEC 17020:2012

Valid from: 10.01.2023

Date of issue: 24.01.2023

This annex is a part of the accreditation certificate D-IS-11166-01-00.

Holder of partial accreditation certificate:

Element Materials Technology Hamburg GmbH Tempowerkring 11, 21079 Hamburg

The inspection body Type A meets the minimal requirements of DIN EN ISO/IEC 17020:2012 and, if applicable, additional legal and normative requirements, including those in relevant sectoral schemes, in order to carry out the conformity assessment activities listed below. The management system requirements of DIN EN ISO/IEC 17020 are written in the language relevant to the operations of inspection bodies and confirm generally with the principles of DIN EN ISO 9001.

Inspection in terms of failure analysis in materials engineering and condition examination regarding quality assurance of welding, corrosion protection as well as qualification of welding procedures and determination of their conformity with specific requirements or on the basis of professional judgment with general requirements

This certificate annex is only valid together with the written accreditation certificate and reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at https://www.dakks.de.

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1 Welding

EHH-22-04D Rev. 1 2022-10	Quality assurance of welding work
EHH-22-02D Rev. 0 2017-06	Qualification of welding procedures

based on the following specifications:

DIN EN ISO 15614-1 2020-05	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys
DIN EN ISO 15614-2 2005-07	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 2: Arc welding of aluminium and its alloys
DIN EN ISO 15614-3 2008-06	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 3: Fusion welding of non-alloyed and low-alloyed cast irons
DIN EN ISO 15614-4 2005-09	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 4: Finishing welding of aluminium castings
DIN EN ISO 15614-5 2004-07	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 5: Arc welding of titanium, zirconium and their alloys
DIN EN ISO 15614-6 2007-01	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 6: Arc and gas welding of copper and its alloys
DIN EN ISO 15614-7 2020-03	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 7: Overlay welding
DIN EN ISO 15614-8 2016-11	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 8: Welding of tubes to tube- plate joints

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DIN EN ISO 15614-11 2002-10	Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 11: Electron and laser beam welding
DIN EN ISO 15613 2004-09	Specification and qualification of welding procedures for metallic materials - Qualification based on pre-production welding test
DIN EN ISO 14555 2017-10	Welding - Arc stud welding of metallic materials
DIN EN ISO 17660-1 2006-12	Welding - Welding of reinforcing steel - Part 1: Load-bearing welded joints
DIN EN ISO 17660-2 2006-12	Welding - Welding of reinforcing steel - Part 2: Non load-bearing welded joints

Abbreviations used:

DIN	German institute for standardisation
EHH	Element Materials Technology Hamburg GmbH
EN	European Standard
ISO	International Organisation for Standardisation