

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-IS-11020-01-00 according to DIN EN ISO/IEC 17020:2012

Valid from: **01.03.2021**

Date of issue: 12.03.2021

Holder of certificate:

**SGS Germany GmbH, Inspection Ressource Division
Rödingsmarkt 16, 20459 Hamburg**

for its inspection body Type A

at the locations:

Reiherdamm 5, 20457 Hamburg	Pool 1 + 2 + 8
Ostermoorer Straße (Port Office), 25541 Brunsbüttel	Pool 2
Zum Tanklager 19, 18147 Rostock	Pool 2
Rödingsmarkt 16, 20459 Hamburg	Pool 3
Emder Straße 10, 28217 Bremen	Pool 4 + 6
Timmerhellstraße 27a, 45478 Mühlheim an der Ruhr	Pool 5 + 13
Krabbenweg 3 A, 26388 Wilhelmshaven	Pool 7

Inspections in the fields:

sampling of liquefied gases, liquid materials, liquid mineral oil and petroleum products, solid fuels, cement, ores, ferro-alloys, natural stone, coke, oilseed, animal and vegetable oils and fats, grain and oilseeds, animal feed, cocoa, coffee and dried fruit; sampling of motor vehicle fuel - gasoline and diesel fuel - at public and commercial petrol stations;
sample preparation and screening analysis of selected characteristics agriculture products, coal and ores; cleanness and cleanliness control of freight rooms; technical inspections and acceptance of electrical and mechanical parts for semi-finished products, components and complete systems in line with present guidelines for approval and/ or evaluation of properties in accordance existing normative requirements and - based on expert approval - with general requirements

The management system requirements of DIN EN ISO/IEC 17020 are written in the language relevant to the operations of inspection bodies. Inspection bodies that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.

The certificate together with the annex reflects the status as indicated by the date of issue.

The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.

Abbreviations used: see last page

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This document is a translation. The definitive version is the original German annex to the accreditation certificate.

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The test methods are marked with subsequent mentioned symbols of the different facilities where they are in use:

HH1+HH2	Reiherdamm 5, 20457 Hamburg	Pool 1 + 2+ 8
BB	Ostermoorer Straße (Port Office), 25541 Brunsbüttel	Pool 2
HRO	Zum Tanklager 19, 18147 Rostock	Pool 2
HH3	Rödingsmarkt 16, 20459 Hamburg	Pool 3
HB	Emder Straße 10, 28217 Bremen	Pool 4 + 6
MH	Timmerhellstraße 27a, 45478 Mühlheim an der Ruhr	Pool 5 + 13
WHV	Krabbenweg 3 A, 26388 Wilhelmshaven	Pool 7

Inspections allocated by inspection body IRD

SOP O 072 2017-05	General inspection briefing by inspection body IRD	HH1-3, BB, HB, HRO, MH, WHV
SOP I 032 2017-11	GIS Inspection Manual	HH1-3, BB, HB, HRO, MH, WHV
SOP I 031 2011-03	Shell Port Operation	HH2
SOP I 035 2012-04	Execution of cargo controls at facility DOW Chemical Bützfleth/Stade	HH2
SOP O 077 2017-05	Execution of inspections Oil, Gas & Chemicals, bulk loading and unloading controls	HH2, BB, HB, HRO, MH, WHV
SOP O 091 2012-04	Execution of inspections Minerals - Solid combustible	HH1, HB
SOP O 090 2012-04	Sampling at public and commercial gas station in line with DIN 14275	HH1, BB, HB, HRO, MH, WHV
SOP O 075 2015-12	Quality plan GMP of inspection body IRD	HH1, HB
SOP O 093 2017-05	Execution of inspection Business Line Agri	HH1, HB
SOP O 321 2014-05	Contract Manual Agricultural Services	HH1, HB

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SOP O 079 2012-04	Sampling of cement and hydraulic binding materials for the monitoring community of Verein Deutscher Zementwerke e. V. Düsseldorf (VDZ)	HH1, HB, MH
SOP O 094 2012-04	Execution of inspection Minerals - Sampling and preparation of coal, fine - and lump ore	HH1, HB
SOP O 180 2017-05	Inspection Manual Industrial	HH3

based on:

OGC - Oil, Gas & Chemicals

DIN EN ISO 3170 2004-06 + Berichtigung 1 2007-12	Petroleum liquids - Manual sampling	HH2, BB, HB, HRO, WHV, MH
DIN EN ISO 4257 2002-03	Liquefied petroleum gases - Method of sampling	HH2, BB, HB, HRO, WHV, MH
DIN EN ISO 10715 2000-09	Natural gas - Sampling guidelines	HH2, BB, HB, HRO, WHV, MH
DIN EN 14275 2013-05	Automotive fuels - Assessment of petrol and diesel fuel quality - Sampling from retail site station pumps and commercial site fuel dispensers	HH2, BB, HB, HRO, WHV, MH
DIN 51610 1983-06	Testing of liquefied petroleum gases - Sampling	HH2, BB, HB, HRO, WHV, MH
DIN 51650 2006-07	Testing of mineral oils and related products - Determination of quantity	HH2, BB, HB, HRO, WHV, MH
DIN 51750-1 1990-12	Sampling of petroleum products - General information	HH2, BB, HB, HRO, WHV, MH

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DIN 51750-2 1990-12	Sampling of liquid petroleum products	HH2, BB, HB, HRO, WHV, MH
API MPMS Chapter 8.1 2019-09	Standard Practice for Manual Sampling of Petroleum and Petroleum Products	HH2, BB, HB, HRO, WHV, MH
API MPMS Chapter 17.1 2014-06	Marine Measurement - Section 1: Guidelines for Marine Cargo Inspection	HH2, BB, HB, HRO, WHV, MH
API MPMS Chapter 17.2 1999-05	Marine Measurement - Section 2: Measurement of Cargoes On Board Tank Vessels	HH2, BB, HB, HRO, WHV, MH
ASTM D4057 2019	Standard Practice for Manual Sampling of Petroleum and Petroleum Products	HH2, BB, HB, HRO, WHV, MH

AGRI – Agriculture

ISO 2292 2017-11	Cocoa beans - Sampling	HH1, HB
ISO 4072 1982-12	Green coffee in bags - Sampling	HH1, HB
DIN EN ISO 21294 2018-01	Oilseeds - Manual or automatic discontinuous sampling	HH1, HB
DIN EN ISO 542 1995-07	Adhesives - Determination of density	HH1, HB
DIN EN ISO 658 2002-08	Oilseeds - Determination of content of impurities	HH1, HB
DIN EN ISO 5555 2014-10	Animal and vegetable fats and oils - Sampling	HH1, HB
DIN EN ISO 24333 2010-04	Cereals and cereal products - Sampling	HH1, HB

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DIN EN 15587 2019-03	Cereals and cereal products - Determination of Besatz in wheat (<i>Triticum aestivum</i> L.), durum wheat (<i>Triticum durum</i> Desf.), rye (<i>Secale cereale</i> L.) and feed barley (<i>Hordeum vulgare</i> L.)	HH1, HB
DIN EN 16378 2013-12	Cereals - Determination of impurities content in maize (<i>Zea mays</i> , L.) and sorghum (<i>Sorghum bicolor</i> , L.)	HH1, HB
DIN 53803-2 1994-03	Sampling - Practical execution	HH1, HB
REGULATION (EU) No. 1308/2013	Commission Delegated Regulation (EU) 2016/1238 of 18 May 2016 supplementing Regulation (EU) No 1308/2013 of the European Parliament and of the Council with regard to public intervention and aid for private storage (Text with EEA relevance), Annex I: Cereals	HH1, HB
GMP+ B4 2018-07	Road & rail transport and affreightment	HH1, HB
Gafta	The inspection and supervision of traded agricultural commodities in accordance with Gafta rules and Code of Practice for Superintendents	HH1, HB
Gafta No. 123 2014-06	Code of practice for Gafta approved Superintendent Companies: Weighing Rules	HH1, HB
Gafta No. 124 2018-09	Code of practice for Gafta approved Superintendent Companies: Sampling Rules - Rules for Sampling, Analysis Instructions and Analysis Certification	HH1, HB

MIN - Minerals

ISO 589 2008-11	Hard coal - Determination of total moisture	HH1, HB
ISO 1953 2017-07	Hard coal - Size analysis by sieving	HH1, HB
ISO 3082 2017-07	Iron ores - Sampling and sample preparation procedures	HH1
ISO 3082 Technical Corrigendum 1 2017-07	Iron ores - Sampling and sample preparation procedures	HH1

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ISO 3087 2011-10	Iron ores - Determination of the moisture content of a lot	HH1
ISO 3713 1987-12	Ferroalloys - Sampling and preparation of samples - General rules	HH1
ISO 4551 1987-12	Ferroalloys - Sampling and sieve analysis	HH1
ISO 4552-1 1987-12	Ferroalloys - Sampling and sample preparation for chemical analysis - Part 1: Ferrochromium, ferro-silicochromium, ferrosilicon, ferrosilicomanganese, ferromanganese	HH1, HB
ISO 4552-2 1987-12	Ferroalloys - Sampling and sample preparation for chemical analysis - Part 2: Ferrotitanium, ferromolybdenum, ferrotungsten, ferroniobium, ferrovanadium	HH1, HB
ISO 4701 2019-04	Iron ores and direct reduced iron - Determination of size distribution by sieving	HH1
ISO 4701 Technical Corrigendum 1 2019-04	Iron ores and direct reduced iron - Determination of size distribution by sieving	HH1
ISO 18283 2006-09	Hard coal and coke - Manual sampling	HH1, HB
ISO 18283 Technical Corrigendum 1 2009-05	Hard coal and coke - Manual sampling	HH1, HB
DIN EN 196-7 2008-02	Methods of testing cement - Part 7: Methods of taking and preparing samples of cement	HH1, HB, MH
DIN 51701-1 2007-12	Testing of solid fuels - Sampling and sample preparation - Part 1: Definitions	HH1, HB
DIN 51701-2 2006-09	Testing of solid fuels - Sampling and sample preparation - Part 2: Sampling	HH1, HB
DIN 51701-3 2006-09	Testing of solid fuels - Sampling and sample preparation - Part 3: Sample preparation	HH1, HB

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DIN 51701-4 2006-09	Testing of solid fuels - Sampling and sample preparation - Part 4: Equipment	HH1, HB
DIN 51701-5 2008-03	Testing of solid fuels - Sampling and sample preparation - Part 5: Testing of precision	HH1, HB
DIN 51718 2002-06	Testing of solid fuels - Determination of the water content and the moisture of analysis sample	HH1

INDUSTRIAL, mechanical

SGS Inspection Guideline No 1 Rev. 1 2008-04	Unfired Pressure Vessels	HH3
SGS Inspection Guideline No 2 Rev. 2 2008-04	Water Tube Boilers	HH3
SGS Inspection Guideline No 3 Rev. 0 2004-03	Shell Boiler of welded Construction	HH3
SGS Inspection Guideline No 4 Rev. 0 2004-03	Heat Exchangers of Shell and Tube Type	HH3
SGS Inspection Guideline No 5 Rev. 0 2004-03	Air cooled Heat Exchangers	HH3
SGS Inspection Guideline No 6 Rev. 1 2008-03	Mill produced Line Pipe	HH3
SGS Inspection Guideline No 8 Rev. 0 2004-03	Fabricated Structural Steel	HH3

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SGS Inspection Guideline No 9 Rev. 0 2004-03	Industrial Valves	HH3
SGS Inspection Guideline No 10 Rev. 0 2004-03	Storage Tanks Prefabrication in Manufacturers Works	HH3
SGS Inspection Guideline No 11 Rev. 0 2004-06	Positive Material Identification	HH3
SGS Inspection Guideline No 13 Rev. 0 2004-03	Centrifugal Pumps for General Service	HH3
SGS Inspection Guideline No 14 Rev. 0 2004-03	Reciprocating Compressors for General Service	HH3
SGS Inspection Guideline No 17 Rev. 0 2004-03	Centrifugal Compressor for General Service	HH3
SGS Inspection Guideline No 18 Rev. 0 2004-03	Industrial Gas Turbines	HH3
SGS Inspection Guideline No 19 Rev. 0 2004-03	Steam Turbine	HH3
SGS Inspection Guideline No 20 Rev. 0 2004-03	Water Turbine	HH3

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SGS Inspection Guideline No 21 Rev. 0 2004-03	Industrial Fans & Blowers for General Service	HH3
SGS Inspection Guideline No 22 Rev. 0 2004-03	Bus Ducts	HH3
SGS Inspection Guideline No 26 Rev. 0 2004-03	Gas Circuit Breakers	HH3
SGS Inspection Guideline No 27 Rev. 0 2004-03	Insulators	HH3
SGS Inspection Guideline No 32 Rev. 0 2004-03	Control Valves	HH3
SGS Inspection Guideline No 35 Rev. 0 2004-03	Columns	HH3
SGS Inspection Guideline No 38 Rev. 0 2004-03	Coating of Line Pipes (Shop Applied)	HH3
SGS Inspection Guideline No 39 Rev. 0 2004-03	Safety Relief Valves	HH3
SGS Inspection Guideline No 40 Rev. 0 2004-03	Pipe Fitting Butt Welding Grade WPB Wrought Carbon Steel & High	HH3

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SGS Inspection Guideline No 41 Rev. 1 2008-12	Pipe Supports - Steel	HH3
SGS Inspection Guideline No 42 Rev. 1 2012-08	Instrumentation Equipment Gauges, Switches etc.	HH3
SGS Inspection Guideline No 44 Rev. 1 2012-08	Positive Displacement Pumps	HH3
SGS Inspection Guideline No 49 Rev. 1 2012-08	Internal Coating of Line Pipe (Shop Applied)	HH3
SGS Inspection Guideline No 50 Rev. 0 2004-06	Internal Concrete Mortar Lining of Line Pipe (Shop applied)	HH3

INDUSTRIAL, electrical

SGS Inspection Guideline No 23 Rev. 0 2004-03	Power Cables	HH3
SGS Inspection Guideline No 25 Rev. 0 2004-03	Control Panel	HH3
SGS Inspection Guideline No 28 Rev. 0 2004-03	Storage Battery	HH3
SGS Inspection Guideline No 29 Rev. 0 2004-03	Switchgear	HH3

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SGS Inspection Guideline No 30 Rev. 0 2004-03	Power Transformer	HH3
SGS Inspection Guideline No 31 Rev. 0 2004-03	Generator	HH3
SGS Inspection Guideline No 33 Rev. 0 2004-03	Induction Motor	HH3
SGS Inspection Guideline No 34 Rev. 0 2004-03	Battery Charger	HH3
SGS Inspection Guideline No 51 Rev. 1 2008-06	Diesel Engine Generator Set	HH3

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Abbreviations used:

ASTM	American Society for Testing and Materials
DIN	Deutsches Institut für Normung (the German Institute for Standardization)
GMP	Good Manufacturing Practices
GAFTA	Grain and Feed Trade Association
IRD	SGS Germany GmbH, Inspection Resource Division
ISO	International Organization for Standardization
SOP I/O xxx	Standard Operation Procedure of SGS Germany GmbH, Inspection Resource Division (subject: I: Inspection Body, O: Organization)