

Deutsche Akkreditierungsstelle GmbH

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

Period of validity: 29.08.2017 to 28.08.2022

Date of issue: 29.08.2017

Holder of certificate:

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

for its inspection body Type A

at the locations:

Eversween 1, 21107 Hamburg	Pool 1+2
Ostermoorer Straße (Port Office), 25541 Brunsbüttel	Pool 2
Rödingsmarkt 16, 20459 Hamburg	Pool 3
Emden Straße 10, 28217 Bremen	Pool 4
Timmerhellstraße 27a, 45478 Mülheim an der Ruhr	Pool 5
Rudolf-Diesel-Straße 40, 68169 Mannheim	Pool 6
Krabbenweg 3 A, 26388 Wilhelmshaven	Pool 7
Am Getreidehafen 3, 18147 Rostock	Pool 8

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 electronical 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

Abbreviations used: see last page

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

HH1	Eversween 1, 21107 Hamburg	Pool 1+2
BB	Ostermoorer Straße (Port Office), 25541 Brunsbüttel	Pool 2
HH3	Rödingsmarkt 16, 20459 Hamburg	Pool 3
HB	Ender Straße 10, 28217 Bremen	Pool 4
MH	Timmerhellstraße 27a, 45478 Mühlheim an der Ruhr	Pool 5
MA	Rudolf-Diesel-Straße 40, 68169 Mannheim	Pool 6
WHV	Krabbenweg 3 A, 26388 Wilhelmshaven	Pool 7
HRO	Am Getreidehafen 3, 18147 Rostock	Pool 8

Inspections allocated by inspection body IRD

SOP O 072 2017-07	General inspection briefing by inspection body IRD	HH1+3, BB, HB, HRO, MH, MA, WHV
SOP I 032 2014-07	GIS Inspection Manual	HH1+3, BB, HB, HRO, MH, MA, WHV
SOP I 031 2011-03	Shell Port Operation	HH1
SOP I 035 2012-04	Execution of cargo controls at facility DOW Chemical Bützfleth/Stade	HH1
SOP O 077 2017-05	Execution of inspections Oil, Gas & Chemicals, bulk loading and unloading controls	HH1, BB, HB, HRO, MH, MA, WHV
SOP O 091 2012-04	Execution of inspections Minerals - Solid combustible	HH1, HB, MH
SOP O 090 2012-04	Sampling at public and commercial gas station in line with DIN 14275	HH1, BB, HB, HRO, MH, MA, WHV

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SOP O 075 2015-12	Quality plan GMP of inspection body IRD	HH1
SOP O 092 2012-04	Execution of inspections in line with GMP+ B4 Transport B4.1 Road Transport / B4.2 Affreightment of Short Sea Shipping and Inland Waterway Transport / B4.3 Short Sea Shipping and Inland Waterways Transport/ B4.4 Sea Transport Affreightment/ B4.5 Rail Transport Affreightment	HH1, HB, HRO, MA
SOP O 093 2017-05	Execution of inspection Business Line Agri	HH1, HB, HRO, MA
SOP O 321 2014-05	Contract Manual Agricultural Services	HH1, HB, HRO, MA
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, HRO, MH, MA
SOP O 094 2012-04	Execution of inspection Minerals - Sampling and preparation of coal, fine - and lump ore	HH1, HB, MH,
SOP O 180 2017-05	Inspection Manual for Business Line Industrial Services	HH3

based on:

OGC - Oil, Gas & Chemicals

DIN EN ISO 3170 2004-06 + correction 1 2007-12	Petroleum liquids - Manual sampling	HH1, BB, HB, HRO, WHV, MH, MA
DIN EN ISO 4257 2002-03	Liquefied petroleum gases - Method of sampling	HH1, BB, HB, HRO, WHV, MH, MA

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DIN EN ISO 10715 2000-09	Natural gas - Sampling guidelines	HH1, BB, HB, HRO, WHV, MH, MA
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	HH1, BB, HB, HRO, WHV, MH, MA
DIN 51610 1983-06	Testing of liquefied petroleum gases - Sampling	HH1, BB, HB, HRO, WHV, MH, MA
DIN 51650 2006-07	Testing of mineral oils and related products - Determination of quantity	HH1, BB, HB, HRO, WHV, MH, MA
DIN 51750-1 1990-12	Sampling of petroleum products - General information	HH1, BB, HB, HRO, WHV, MH, MA
DIN 51750-2 1990-12	Sampling of liquid petroleum products	HH1, BB, HB, HRO, WHV, MH, MA
API MPMS Chapter 8.1 2013-10	Standard Practice for Manual Sampling of Petroleum and Petroleum Products	HH1, BB, HB, HRO, WHV, MH, MA
API MPMS Chapter 17.1 2014-06	Marine Measurement - Section 1: Guidelines for Marine Cargo Inspection	HH1, BB, HB, HRO, WHV, MH, MA
API MPMS Chapter 17.2 1999-05	Marine Measurement - Section 2: Measurement of Cargoes On Board Tank Vessels	HH1, BB, HB, HRO, WHV, MH, MA
ASTM D4057 2012	Standard Practice for Manual Sampling of Petroleum and Petroleum Products	HH1, BB, HB, HRO, WHV, MH, MA

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AGRI - Agriculture

ISO 2292 1973-02	Cocoa beans - Sampling	HH1, HRO, HB, MA
ISO 4072 1982-12	Green coffee in bags - Sampling	HH1, HRO, HB, MA
DIN EN ISO 542 1995-07	Adhesives - Determination of density	HH1, HRO, HB, MA
DIN EN ISO 658 2002-08	Oilseeds - Determination of content of impurities	HH1, HRO, HB, MA
DIN EN ISO 3093 2010-05	Wheat, rye and their flours, durum wheat and durum wheat semolina - Determination of the falling number according to Hagberg-Perten	HH1, HRO
DIN EN ISO 5555 2014-10	Animal and vegetable fats and oils - Sampling	HH1, HRO, HB, MA
DIN EN ISO 24333 2010-04	Cereals and cereal products - Sampling	HH1, HRO, HB, MA
DIN EN 15587 2014-02	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, HRO, HB, MA
DIN 53803-2 1994-03	Sampling - Practical execution	HH1, HRO, HB, MA
REGULATION (EU) No 1272/2009 2009-12	REGULATION (EU) No. 1272/2009 COMMISSION of Dec 11 th 2009 with common implementing rule to commission (EG) No. 1234/2007 by council concerning acquisition and selling of agricultural products by public intervention, Annex I, cereals	HH1, HRO, HB, MA
GMP+ B4.1 2013-03	Road Transportation	HH1, HB HRO, MA
GMP+ B4.2 2013-03	Affreightment of Short Sea Shipping and Inland Waterway Transport	HH1, HB HRO, MA

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GMP+ B4.4 2013-03	Sea Transport Affreightment	HH1, HB HRO, MA
GMP+ B4.5 2013-03	Rail Transport Affreightment	HH1, HB HRO, MA

MIN - Minerals

ISO 589 2008-11	Hard coal - Determination of total moisture	HH1, HB
ISO 1953 2015-11	Hard coal - Size analysis by sieving	HH1, HB
ISO 3082 2009-06	Iron ores - Sampling and sample preparation procedures	HH1
ISO 3082 Technical Corrigendum 1 2009-08	Iron ores - Sampling and sample preparation procedures	HH1
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, MH
ISO 4551 1987-12	Ferroalloys - Sampling and sieve analysis	HH1, MH
ISO 4552-1 1987-12	Ferroalloys - Sampling and sample preparation for chemical analysis - Part 1: Ferrochromium, ferrosilicochromium, ferrosilicon, ferrosilicomanganese, ferromanganese	HH1, HB, MH, MA
ISO 4552-2 1987-12	Ferroalloys - Sampling and sample preparation for chemical analysis - Part 2: Ferrotitanium, ferromolybdenum, ferrotungsten, ferroniobium, ferrovandium	HH1, MH, HB, MA
ISO 4701 2008-10	Iron ores and direct reduced iron - Determination of size distribution by sieving	HH1

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ISO 4701 Technical Corrigendum 1 2010-08	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, HRO, HB, MH, MA
DIN 51701-1 2007-12	Testing of solid fuels - Sampling and sample preparation - Part 1: Definitions	HH1, HB, MH
DIN 51701-2 2006-09	Testing of solid fuels - Sampling and sample preparation - Part 2: Sampling	HH1, HB, MH
DIN 51701-3 2006-09	Testing of solid fuels - Sampling and sample preparation - Part 3: Sample preparation	HH1, HB, MH
DIN 51701-4 2006-09	Testing of solid fuels - Sampling and sample preparation - Part 4: Equipment	HH1, HB, MH
DIN 51701-5 2008-03	Testing of solid fuels - Sampling and sample preparation - Part 5: Testing of precision	HH1, HB, MH
DIN 51718 2002-06	Testing of solid fuels - Determination of the water content and the moisture of analysis sample	HH1

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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
SGS Inspection Guideline No 9 Rev. 0 2004-03	Industrial Valves	HH3

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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	POSITIV 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
SGS Inspection Guideline No 21 Rev. 0 2004-03	Industrial Fans & Blowers for General Service	HH3

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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
SGS Inspection Guideline No 41 Rev. 1 2008-12	PIPE SUPPORTS - STEEL	HH3

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SGS Inspection Guideline Instrumentation Equipment Gauges, Switches etc. HH3
No 42
Rev. 1
2012-08

SGS Inspection Guideline Positive Displacement Pumps HH3
No 44
Rev. 1
2012-08

SGS Inspection Guideline Internal Coating of Line Pipe (Shop Applied) HH3
No 49
Rev. 1
2012-08

SGS Inspection Guideline Internal Concrete Mortar Lining of Line Pipe HH3
No 50 (Shop applied)
Rev. 0
2004-06

INDUSTRIAL, electrical

SGS Inspection Guideline Power Cables HH3
No 23
Rev. 0
2004-03

SGS Inspection Guideline Control Panel HH3
No 25
Rev. 0
2004-03

SGS Inspection Guideline Storage Battery HH3
No 28
Rev. 0
2004-03

SGS Inspection Guideline Switchgear HH3
No 29
Rev. 0
2004-03

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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

abbreviations used:

ASTM	American Society for Testing and Materials
DIN	Deutsches Institut für Normung
GMP	Good Manufacturing Practices
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)