

Deutsche Akkreditierungsstelle GmbH

Entrusted according to Section 8 subsection 1 AkkStelleG in connection with Section 1 subsection 1 AkkStelleGBV

Signatory to the Multilateral Agreements of
EA, ILAC and IAF for Mutual Recognition

Accreditation



The Deutsche Akkreditierungsstelle GmbH attests that the verification body

TÜV SÜD Industrie Service GmbH
Westendstraße 199
80686 München (Germany)

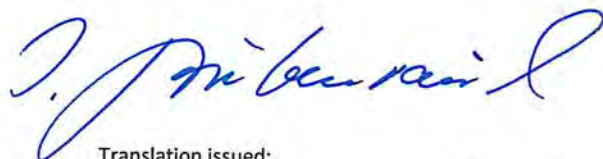
is competent under the terms of DIN EN ISO 14065:2013 for

Verification of greenhouse gas emission reports and tonne-kilometre reports
according to Regulations (EU) No. 600/2012 and (EU) No. 601/2012 for Activities as listed in
the Annex.

Verification of Greenhouse Gases from Maritime Transport according to Art. 16 of EU-
Regulation 2015/757 of the European Parliament and of the council of the 29th April 2015 on
the monitoring, reporting and the verification of the carbon dioxide emissions from maritime
transport and amending directive 2009/16/EC including Delegated Acts/Commission
Implementing Regulations 2016/1927, 2016/1928, 2016/2071 and 2016/2072.

The accreditation certificate shall only apply in connection with the notice of accreditation of 02.05.2017
with the accreditation number D-VS-14153-01 and is valid until 12.12.2018. It comprises the cover sheet,
the reverse side of the cover sheet and the following annex with a total of 3 pages.

Registration number of the certificate: **D-VS-14153-01-00**



Frankfurt am Main,
02.05.2017

Ina Stubenrauch
Head of Division

Translation issued:
02.05.2017

Head of Division

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

See notes overleaf.

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-VS-14153-01-00 according to DIN EN ISO 14065:2013

Period of validity: 02.05.2017 to 12.12.2018

Date of issue: 02.05.2017

Holder of certificate:

TÜV SÜD Industrie Service GmbH
Westendstraße 199
80686 München (Germany)

Verification of greenhouse gases emissions reports and tonne-kilometres reports according to DIN EN ISO 14065:2013 and Regulation (EU) No. 600/2012 and (EU) No. 601/2012 in the following group of activities according to Annex I of directive 2003/87/EG and other activities according to Art. 10a and Art. 24 of subject directive:

No.	Scope of Accreditation
1a	Combustion of fuels in installations, where only commercial standard fuels as defined in Regulation (EU) No. 601/2012 are used, or where natural gas is used in category A or B installations
1b	Combustion of fuels in installations, without restrictions
2	Refining of mineral oil
3	Production of coke Metal ore (including sulphide ore) roasting or sintering, including pelletisation Production of pig iron or steel (primary or secondary fusion) including continuous casting
4	Production of processing of ferrous metals (including ferroalloys) Production of secondary aluminium Production or processing of non-ferrous metals, including production of alloys
5	Production of primary aluminium (CO ₂ and PFC emissions)

Annex to the Accreditation Certificate D-VS-14153-01-00

No.	Scope of Accreditation
6	Production of cement clinker Production of lime or calcinations of dolomite or magnesite Manufacture of glass including glass fibre Manufacture of ceramic products by firing Manufacture of mineral wool insulation material Drying or calcination of gypsum or production of plaster boards and other gypsum products
7	Production of pulp from timber or other fibrous materials Production of paper or cardboard
8	Production of black carbon Production of ammonia Production of bulk organic chemicals by cracking, reforming, partial or full oxidation by similar processes Production of hydrogen (H ₂) and synthesis gas by reforming or partial oxidation Production of soda ash (Na ₂ CO ₃) and sodium bicarbonate (NaHCO ₃)
9	Production of nitric acid (CO ₂ and N ₂ O emissions) Production of adipic acid (CO ₂ and N ₂ O emissions) Production of glyoxal and glyoxylic acid (CO ₂ and N ₂ O emissions) Production of caprolactam
10	Capture of greenhouse gases from installations covered by Directive 2003/87/EC for the purpose of transport and geological storage in a storage site permitted under Directive 2009/31/EC Transport of greenhouse gases by pipelines for geological storage in a storage site permitted under Directive 2009/31/EC
11	Geological storage of greenhouse gases in a storage site permitted under Directive 2009/31/EC
12	Aviation activities (emissions and tonne-kilometre data)
98	Other activities pursuant to Article 10a of Directive 2003/87/EC

Verification Body for the Verification of Greenhouse Gases from Maritime Transport according to Art. 16 of EU-Regulation 2015/757 of the European Parliament and of the council of the 29th April 2015 on the monitoring, reporting and the verification of the carbon dioxide emissions from maritime transport and amending directive 2009/16/EC including Delegated Acts/Commission Implementing Regulations 2016/1927, 2016/1928, 2016/2071 and 2016/2072 for the following activities:

Verification:

1. Assessment of Monitoring Plans
2. Verification of Emissions Reports

Methods according to Annex I EU-Regulation 2015/757:

- A. Bunker fuel delivery note (BDN) and periodic stocktakes on board
- B. Bunker fuel tank monitoring on board
- C. Flow meters for applicable combustion process
- D. Direct CO₂ emission measurement

Abbreviations used:

DIN Deutsches Institut für Normung e.V.

Deutsche Akkreditierungsstelle GmbH

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Spittelmarkt 10
10117 Berlin

Office Frankfurt am Main
Europa-Allee 52
60327 Frankfurt am Main

Office Braunschweig
Bundesallee 100
38116 Braunschweig

The publication of extracts of the accreditation certificate is subject to the prior written approval by Deutsche Akkreditierungsstelle GmbH (DAkkS). Exempted is the unchanged form of separate disseminations of the cover sheet by the conformity assessment body mentioned overleaf.

No impression shall be made that the accreditation also extends to fields beyond the scope of accreditation attested by DAkkS.

The accreditation was granted pursuant to the Act on the Accreditation Body (AkkStelleG) of 31 July 2009 (Federal Law Gazette I p. 2625) and the Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products (Official Journal of the European Union L 218 of 9 July 2008, p. 30). DAkkS is a signatory to the Multilateral Agreements for Mutual Recognition of the European co-operation for Accreditation (EA), International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC). The signatories to these agreements recognise each other's accreditations.

The up-to-date state of membership can be retrieved from the following websites:

EA: www.european-accreditation.org

ILAC: www.ilac.org

IAF: www.iaf.nu