

# Deutsche Akkreditierungsstelle

## Annex to the Partial Accreditation Certificate D-PL-17712-01-03 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 12.05.2023

**Date of issue:** 12.05.2023

This annex is a part of the accreditation certificate D-PL-17712-01-00.

Holder of partial accreditation certificate:

**PIA Prüfinstitut für Abwassertechnik GmbH**  
**Hergenrather Weg 30, 52074 Aachen**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and confirm generally with the principles of DIN EN ISO 9001.

Tests in the fields:

**Mechanical-technological, physical analysis, physical-chemical and chemical analysis of water and sludge**

**The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.**

*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>.*

Abbreviations used: see last page

**Page 1 of 3**

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

**Annex to the Partial Accreditation Certificate D-PL-17712-01-03**

**1 Mechanical-technological, physical analysis of construction products for waste water engineering for ship and on-board sewage treatment plants**

AS/NZS 1546.1 2008	On-site domestic wastewater treatment units – Septic tanks
AS 1546.3 2017 Amd. 1 2018	On-site domestic wastewater treatment units – Secondary treatment systems
AS 1546.4 2016	On-site domestic wastewater treatment units – Domestic greywater treatment systems
BinSchUO 2018-09	Inland Waterway Vessel Inspection Code (BinSchUO) of 06 December 2008, last amended by the Second Amendment Ordinance of 30 May 2014, as amended; Annex II, Section 14a.12 BinSchUO, Appendix V
ES-TRIN 2021/1	European Standard laying down Technical Requirements for Inland Navigation vessels <i>(here Annex 7: On-board sewage treatment plants, Section IX: Test procedure)</i>
IMO Resolution MEPC.159(55) 2006-10	Annex 26 – Resolution MEPC.159(55) Revised Guidelines on Implementation of Effluent Standards and Performance Tests for Sewage Treatment Plants
IMO Resolution MEPC.227(64) 2012-10	2012 Guidelines on Implementation of Effluent Standards and Performance Tests for Sewage Treatment Plants
SOP 50050 2017-04	Pressure testing of ship sewage treatment plants
SOP 50051 2017-04	Inclined position testing of ship sewage treatment plants

***The body fulfils the requirements for technical services set out in Section 1 (2) no. 1 BinSchUO (Inland Waterway Vessel Inspection Code) in conjunction with Article 9.01 no. 5 ES-TRIN (European Standard laying down Technical Requirements for Inland Navigation vessels) and Article 45 of Regulation (EU) No 2016/1628.***

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**Page 2 of 3**

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**Abbreviations used:**

AS	American standard
BinSchUO	Inland Waterway Vessel Inspection Code
ES-TRIN	European Standard laying down Technical Requirements for Inland Navigation vessels
IMO	International Marine Organization
MEPC	Marine Environment Protection Committee
SOP	In-house method of PIA Prüfinstitut für Abwassertechnik GmbH

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**Page 3 of 3**

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