

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-IS-14153-02-03 according to DIN EN ISO/IEC 17020:2012

Valid from: 17.04.2020

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Holder of certificate:

TÜV SÜD Industrie Service GmbH
Prüfstelle für Tanks, Druckgefäße und Gaspatronen
Westendstraße 199, 80686 München

for its inspection body Type A

Inspections in the fields:

Conformity assessment and tests of transportable pressure equipment according 1.8.7 ADR/RID as inspection body according 1.8.6 of pressure receptacles, their valves and accessories as well as of gas cartridges according 1.8.8 according article 2 of Directive 2010/35/EU in connection with 6.2 ADR/RID as well as of tanks, battery vehicles / -wagons, gas container with multiple elements (MEGC), their valves and accessories according article 2 of Directive 2010/35/EU in connection with 6.8 ADR/RID;

Activities according § 12 GGVSEB on tanks, their accessories and service equipment according to chapters 6.7, 6.8, 6.9 and 6.10 ADR/RID, insofar these are not in the scope of ODV;

Inspection of transportable tanks and MEGC according to chapter 6.7 IMDG Code as well as of fixed tanks (tank vehicles) according chapter 6.8 IMDG Code in connection with §16 GGVSee

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

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1 Transportable pressure equipment

1.1 Inspection of transportable pressure equipment for the carriage of dangerous goods according Directive 2010/35/EU in conjunction with ODV

IS-ADR Rev. 1.2.0 12/2016	Management - Manual of the inspection body according ADR/RID and IMDG-Code General and list of valid documents	(BM) (P) (EP) (NB) (WP) (ZP) (AP) (Ü-H) (Ü-beP)
IS-ADR-P-1 Rev. 1.1 03/2015	Reassessment	(NB)
IS-ADR-P-2 Rev. 1.3 12/2016	Periodic inspection of pressure receptacles, tanks and IBC	(WP) (P) (ZP) (AP)
IS-ADR-P-3 Rev. 1.2 03/2016	In-house inspection service "IS" – authorization and surveillance	(Ü-beP)
IS-ADR-P-5 Rev. 1.2 12/2016	Type test, surveillance of manufacture and initial inspection of pressure receptacles, gas cartridges and tanks	(BM) (P) (NB) (EP) (WP) (Ü-H)
ADR/RID 1.8.7	Procedures for the conformity assessment and the periodic inspection of pressure receptacles, tanks, battery vehicles, battery wagons and MEGC	
ADR/RID 1.8.7.3	Surveillance of manufacture	(Ü-H)
ADR/RID 1.8.7.4	Initial inspection	(EP)
ADR/RID 1.8.7.5	Periodic inspection, intermediate inspection and exceptional checks	(WP) (ZP) (AP)
ADR/RID 1.8.7.6	Surveillance of in-house inspection services	(Ü-beP)
ADR/RID 1.8.8	Procedure for conformity assessment of gas cartridges	(BM) (P) (EP) (Ü-H) (Ü-beP)

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Specification/ Regulation	Inspection activities / Conformity assessment	Products
ADR/RID 1.8.7	Procedures for the conformity assessment and the periodic inspection of pressure receptacles, tanks, battery vehicles, battery wagons and MEGC	Pressure receptacles, tanks
ADR/RID 1.8.7.2	Type approval (BM) and –test (P)	Pressure receptacles, tanks
ADR/RID 1.8.7.3	Surveillance of manufacture (Ü-H)	Pressure receptacles, tanks
ADR/RID 1.8.7.4	Initial inspection (EP)	Pressure receptacles, tanks
ADR/RID 1.8.7.5	Periodic inspection, (WP), intermediate inspection (ZP) and exceptional checks (AP)	Pressure receptacles, tanks
ADR/RID 1.8.7.6	Surveillance of in-house inspection services	Pressure receptacles, and accessories
ADR/RID 1.8.8	Conformity assessment of gas cartridges	Gas cartridges

RID/ADR/ADN and the standards and regulations referenced cited therein are mandatory. The current state of standards and regulations shall be applied accordingly.

1.2 Inspection of pressure receptacles and their accessories

Specification/ Regulation	Inspection activities / Conformity assessment	Products
RL 2010/35/EU, Article 2, Set 1, Nr. 1a ADR/RID 1.8.6, ADR/RID 1.8.7, ADR/RID 1.8.8, ADR/RID 6.2	Pressure receptacles (according chapter 6.2 of the annexes of Directive 2008/68/EG) for the conformity assessments specified below: BM P EP NB WP AP Ü-H Ü-beP	Pressure receptacles, valves and accessories according chapter 6.2 of the annexes of Directive 2008/68/EG, gas cartridges

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Specification/ Regulation	Inspection activities / Conformity assessment	Products
ADR/RID 6.7.2.18.1, 6.7.3.14.1, 6.7.4.13.1 and 6.7.5.11.1 in conjunction with chapter 4.2 and paragraphs 6.7.2.19.9, 6.7.3.15.9, 6.7.4.14.10 and 6.7.5.12.7	Type test (P) Set 1 Number 1 letter a) § 12 GGVSEB	Portable tanks and MEGC according Chapter 6.7 ADR/RID
ADR/RID 6.8.2.3.1, in conjunction with chapter 4.3 and chapter 6.10 in conjunction with chapter 4.5	Type test (P) Set 1 Number 1 letter b) § 12 GGVSEB	Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, tank swap bodies, MEGC according 6.8 and vacuum operated waste tanks according chapter 6.10 ADR/RID
ADR/RID 6.9.4.1 in conjunction with chapter 4.4	Type test (P) Set 1 Number 1 letter c) § 12 GGVSEB	Tanks, tank container from reinforced plastics according chapter 6.9 ADR/RID
ADR/RID 6.7	Set 1 Number 1 letter a), b), c) § 12 GGVSEB Initial and periodic inspection, intermediate and exceptional test and inspection of shells and accessories	portable tanks and UN-MEGC according chapter 6.7 ADR/RID
ADR/RID 6.8		Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, tank swap bodies, MEGC according 6.8 ADR/RID
ADR/RID 6.9		Tanks, tank container from reinforced plastics according chapter 6.9 ADR/RID
ADR/RID 4.3.3.2.5	Set 1 Number 3 § 12 GGVSEB Determination of test pressure and filling ratio	Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, MEGC according 6.8 ADR/RID

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Specification/ Regulation	Inspection activities / Conformity assessment	Products
ADR/RID 6.7.2.6.3	Set 1 Number 3 § 12 GGVSEB Determination of the requirements regarding the design and equipment of bottom discharge outlets	portable tanks and UN-MEGC according chapter 6.7 ADR/RID
ADR/RID 6.7.2.10.1	Set 1 Number 3 § 12 GGVSEB Determination of the requirements regarding fusible elements of portable tanks for the carriage of elevated temperature substances	portable tanks and UN-MEGC according chapter 6.7 ADR/RID
ADR/RID 6.7.2.19.10, ADR/RID 6.7.3.15.10	Set 1 Number 3 § 12 GGVSEB Approval of cutting, burning or welding operations on the shell; pressure test	portable tanks and UN-MEGC according chapter 6.7 ADR/RID
ADR/RID 6.8.2.2.10	Set 1 Number 3 § 12 GGVSEB Determination of the requirements regarding the arrangement of the burst disc and safety valve	Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, MEGC according 6.8 ADR/RID
ADR/RID 6.8.3.4.4	Set 1 Number 3 § 12 GGVSEB Determination of the capacity	Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, MEGC according 6.8 ADR/RID
ADR/RID 6.8.3.4.7	Set 1 Number 3 § 12 GGVSEB Consensual replacement of the hydraulic pressure test by leakproofness test and measurement of vacuum	Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, MEGC according 6.8 ADR/RID
ADR/RID 6.8.3.4.8	Set 1 Number 3 § 12 GGVSEB Approval of the method by which shells for refrigerated liquefied gases are hermetically closed	Fixed tanks, demountable tanks, battery vehicles, tank wagons, demountable tanks, battery wagons, tank container, MEGC according 6.8 ADR/RID

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Specification/ Regulation	Inspection activities / Conformity assessment	Products
<p>ADR/RID 6.8.4 b) and d) Special provisions</p> <p>(TT 2* Lining of shells)</p> <p>TT 4* (TT 4 „Inspection for resistance to corrosion“ only in chapter 6.8.4.d) of RID) and TT 7</p>	<p>Set 1 Number 3 § 12 GGVSEB</p> <ul style="list-style-type: none"> - Special provisions regarding tests of equipment * <p>(TT 2* Lining of shells)</p> <ul style="list-style-type: none"> - Inspection for resistance to corrosion* - Approval of a programme for the replacement of the periodic internal inspection * <p>* each in consent with the <i>Bundesanstalt für Materialforschung und -prüfung (BAM)</i></p>	<p>Tanks, in case there is an entry in chapter 3.2, table A, column 13</p> <p>Tanks</p> <p>Tanks, only RID</p> <p>Shells and their equipment according chapter 6.8</p>
ADR/RID 6.8.5.2.2	<p>Set 1 Number 3 § 12 GGVSEB</p> <p>Determination of the requirements regarding the seams of shells</p>	Fixed tanks, demountable tanks, tank wagons, tank containers according 6.8 ADR/RID
ADR 9.2.2 and ADR 9.7.8,	<p>Set 1 Number 4 § 12 GGVSEB</p> <p>Inspection of the electric equipment for the service equipment before being put into service (6.8.2.4.1) and during WP (6.8.2.4.2), AP (6.8.2.4.4)</p>	Electric equipment for the service equipment of tanks
ADR/RID 6.8.2.3.1 Set 9, ADR/RID 6.8.2.6.1, ADR/RID 1.8.7.2	<p>Set 1 Number 5 § 12 GGVSEB</p> <p>Type test and separate type approval ⁽¹⁾</p>	Valves and other service equipment of tanks according chapter 6.8 for which a standard is referenced in the table of 6.8.2.6.1
ADR/RID 1.8.7.6 in conjunction with ADR/RID 1.8.7.7.5	<p>Set 1 Number 5 § 12 GGVSEB</p> <p>Surveillance of the in-house inspection service (IS) for the supervision of manufacture according 1.8.7.3 and the initial inspection and tests according 1.8.7.4 ADR/RID</p>	Valves and other service equipment of tanks according chapter 6.8 for which a standard is referenced in the table of 6.8.2.6.1 insofar the valves and service equipment are not in the scope of ODV
ADR/RID 1.8.7.2.5, ADR/RID 6.8.2.3.4	<p>Set 1 Number 6 letter a), b) § 12 GGVSEB</p> <p>Testing, inspection and certification regarding the approval of a modification</p>	Tanks according chapter 6.8

¹ Only in case a standard is referenced in the table in 6.8.2.6.1.

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3 Inspections of portable tanks and MEGC as well as fixed tanks (tank vehicles) according IMDG Code in conjunction with §16 GGVSee

IS-ADR / Rev. 1.2.0 12/2016	Management - Manual of the inspection body according ADR/RID and IMDG-Code General and list of valid documents
IS-ADR-P-2 / Rev. 1.3 12/2016	Periodic inspection of pressure receptacles, tanks and IBC
IS-ADR-P-5 / Rev. 1.2 12/2016	Type test, surveillance of manufacture and initial inspection of pressure receptacles, gas cartridges and tanks

Specification/ Regulation	Inspection activities / Conformity assessment	Products
IMDG 6.7	Requirements for the design, construction, inspection and testing of portable tanks and multi-element gas containers (MEGCs)	Portable tanks and MEGC
IMDG 6.7.2.18, 6.7.3.14, 6.7.4.13, 6.7.5.11	Type test (P)	Portable tanks and MEGC
IMDG 6.7.2.19, 6.7.3.15, 6.7.4.14, 6.7.5.12	Initial inspection and testing (EP), Periodic inspection and testing (WP), Intermediate inspection and testing (ZP) Exceptional inspection and testing (AP)	Portable tanks and MEGC
IMDG 6.8	Requirements for fixed tanks (tank-vehicles)	Fixed tanks (tank-vehicles)
IMDG 6.8.2.2, 6.8.3.1.3, 6.8.3.2.3, 6.8.3.3.3	Tests and inspections	Fixed tanks (tank-vehicles)

Used abbreviations:

DIN	Deutsches Institut für Normung e.V. German Institute for standardisation
ADR	Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Straße European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	Europäisches Übereinkommen über die Beförderung gefährlicher Güter auf Binnenwasserstraßen European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
RID	Verordnung über die internationale Eisenbahnbeförderung gefährlicher Güter Regulations concerning the International Carriage of Dangerous Goods by Rail
BM	Baumusterzulassung Type approval
P	Prüfung Inspection and test
EP	Erstmalige Prüfung Initial inspection and test
NB	Neubewertung Reassessment
WP	Wiederkehrende Prüfung Periodic inspection and test
ZP	Zwischenprüfung Intermediate inspection and test
AP	Außerordentliche Prüfung Exceptional inspection and test
Ü-H	Überwachung Herstellung Surveillance of manufacture
Ü-beP	Überwachung betriebseigener Prüfdienst Surveillance of an in-house inspection service
IS-ADR-P	Inspektionsanweisung der TÜV SÜD Industrie Service GmbH Process description of TÜV SÜD Industrie Service GmbH