

Attestation of Conformity

Certificate No.: FC-AOC-Thanner-ISO 15738-014 version 5

This is to certify that: FORCE Certification A/S did undertake the relevant evaluation for the type of equipment identified below which was found to be in compliance with the requirements of ISO 15738:2019 second edition issued 2019-07-05 - Ships and marine technology - Gas inflation systems for inflatable life-saving appliances, subject to any conditions in the appendix attached hereto.

Manufacturer: **Thanner A/S, Randersvej 8-10, DK-6700 Esbjerg, Denmark**

Product designation: **Topping up valve for clamping - OTTC-45**

Connections: **1/2" RG**

In versions: **Item no. 45-029**
Item no. 45-042

Product type: **Inflate/deflate valve**

Product description: **Inflate/deflate valve for Gas Inflation Systems for inflatable life-saving appliances**
Blue cap indicates new version 2024.

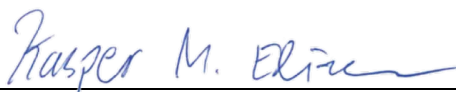
Specified standard(s): **ISO 15738:2019, Clause 8.2**

The attached appendix forms a part of this certificate. Documentation for observance of relevant requirements and the basis for the evaluation are described in the appendix to this certificate. This certificate will remain valid unless suspended, expired or withdrawn, provided the conditions in the attached appendix are complied with. The manufacturer shall inform FORCE Certification A/S of any contemplated changes.

This certificate replaces the former version FC-Thanner-ISO 15738-014 version 4 due to design change of the silicone packing. The Assessment of Conformity Certificate is valid until the product is altered or modified or the surveillance agreement is cancelled.

Date of issue: **2023-12-05**

Date of expiry: **2026-02-11**



Kasper Munk Eliassen
Certification Manager



Allan Laursen
Examiner

FORCE Certification A/S task No.: **123-34921** / Certificate ID: **16245**

Appendix to Attestation Conformity

ISO 15738:2019 - Ships and marine technology - Gas inflation systems for inflatable life-saving appliances

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In versions: **Item no. 45-029**
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Product description: **Inflate/deflate valve for Gas Inflation Systems for inflatable life-saving appliances**
Blue cap indicates new version.

Specified standard(s): **ISO 15738:2019, Clause 8.2**

Photo of products:



Item no. 45-029



Item no. 45-042

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ISO 15738:2019 - Ships and marine technology - Gas inflation systems for inflatable life-saving appliances



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Approval documentation:

Documentation for observance of relevant requirements stated in the applied standard(s):

Test house	Report No.:	Testing/Inspection of:
- FORCE Technology	109-22508	Tesing of device acc. to ISO 15738:2002, Clause 8.2
- FORCE Technology	118-31915 (Test scheme)	Supplementary testing acc. to ISO 15738:2002 due to addition of new version of product

Place(s) of production:

Where the equipment is manufactured or assembled:

Company:	Address:
- Thanner A/S	Randersvej 8-10, DK-6700 Esbjerg, Denmark

Limitations/restrictions:

Specific requirements or any other condition of validity: The validity of this Attestation Conformity certificate relies on yearly surveillance visits according to Surveillance Agreement 3155-01. Reports from surveillance audits must be stored and presented on demand.

Installation shall be conducted strictly in accordance with the installation manual as supplied by Thanner A/S.

Technical documentation:

The following documentation was available

Drawings:

Item no. 45-029:

Detail:	Drawing no.:	Modification:	App. date:
Measure drawing	45-029	A	02-04-2023
Parts list	45-028	A	12-04-2023
Body	45-024	None	19-01-2018
Nut	70-032	A	09-05-2018
Grid	45-006	B	24-08-2012
Spring (0.158 bar)	45-007	A	06-02-2017
Valve piston	45-005	D	31-10-2022
Washer	45-027	A	29-05-2019
Silicon seal	45-019	None	2022-11-30

Item no. 45-042:

Detail:	Drawing no.:	Modification:	App. date:
Measure drawing	45-042	A	07-02-2017
Parts list	45-021 C	C	06-08-2018
Valve basis (body)	45-052	D	22-08-2017
Nut	45-051	B	16-08-2018
Check valve (Kontra ventil)	45-035	C	16-04-2012
Washer	45-004	D	24-08-2012

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Drawings continued:

Common to item no. 45-029 & item no. 45-042:

Detail:	Drawing no.:	Modification:	App. date:
Threaded cap (Gevindhætte)	14-075 Blue (BLÅ)	None	16-08-2016
Strop	45-038	A	24-08-2012
Rubber seal	45-039	B	24-08-2012

Installation manuals:

Detail:	K.S./QA doc no.:	Issue:	Date:
Installation manual for Thanner Inflate/Deflate Valve OTT-45 for clamping Item. Nr. 45-029	2103	1	24-08-2018
Installation manual for Thanner Inflate/Deflate Valve OTT-45 for clamping Item. Nr. 45-042	0065	5	06-03-2017

History:

Issue/change:	Certificate No.:	Certificate ID:	Task No.	Issue date:
Original certificate	FC-THANNER-ISO 15738-014 version 1 (Issued by FORCE-Dantest CERT)	-	-	2009-03-03
Addition of versions	FC-THANNER-ISO 15738-014 version 2	-	-	2014-02-28
Corrections	FC-THANNER-ISO 15738-014 version 3	-	-	2014-03-20
Update due to new version of product, new certificate format & addition of certificate id.	FC-CAC-THANNER-ISO 15738-014 version 4	-	-	2021-02-11
Update due to design change of silicone seal 45-019 and on valve piston 45-029, new certificate format.	FC-AOC-THANNER-ISO 15738-014 version 5	16245	123-34921	2023-12-01

Conclusion:

Based on the above-mentioned attestation it can be concluded that the equipment, designated "topping up valve for clamping - OTTC-45", was found to be in compliance with the requirements of ISO 15738:2019, Clause 8.2.