



Marine & Offshore

Certificate number: 07562/E0 BV

File number: ACM 190/1900/1

Product code: 3861D

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

WALTER STAUFFENBERG GmbH & CO. KG

Werdohl - GERMANY

for the type of product

MANOMETERS / PRESSURE GAUGES

STAUFF TEST PRESSURE GAUGE SYSTEMS

Test 20 type SMK, Test 20 type SKK, Test 15 type SMK, Test 15 type SKK, Test 12 type SMK
and Test 12 type SKK

Requirements:

BUREAU VERITAS Rules for the Classification of Steel Ships

BUREAU VERITAS Rules for the Classification of Offshore Units

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 23 Jul 2025

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 23 Jul 2020,

Adama Diene



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

STAUFF test pressure gauge systems

1.1 Design:

Test 20 type SMK	Connection thread M 16 x 2
Test 20 type SKK	Connection thread M 16 x 2
Test 15 type SMK	Connection thread M 16 x 1,5
Test 15 type SKK	Connection thread M 16 x 1,5
Test 12 type SMK	Connection thread S 12,65 x 1,5
Test 12 type SKK	Connection thread S 12,65 x 1,5

1.2 Technical data:

Temperature range [°C]	Max. working pressure * [bar]
NBR: -20/100 FPM: -20/200 EPDM: -40/150	630

* Depends on the threaded port of the test coupling. Joining under pressure up to 400 bar max.

1.3 Material specification:

Metal parts	Steel zinc-nickel-plated / stainless steel on request
Ball	Stainless steel
Seals	NBR / FPM / EPDM
Hose	Polyamide

2. DOCUMENTS AND DRAWINGS:

According to following document:

Designation	No.	Edition
Catalogue 7 STAUFF Test	9910000427	08/2019

3. TEST REPORTS:

Not applicable.

4. APPLICATION / LIMITATION:

- 4.1 Used as test couplings for piping systems on board ships and offshore units.
- 4.2 The manufacturer has to inform its clients about proper methods of arrangement, fitting and general maintenance of the test couplings.

5. PRODUCTION SURVEY REQUIREMENTS:

- 5.1 The STAUFF test pressure gauge systems are to be supplied by **Walter Stauffenberg GmbH & Co. KG** in accordance with the type described in this certificate.
- 5.2 This type of product is within the category DBV of BUREAU VERITAS Rule Note NR320 and as such does not require a BUREAU VERITAS product certificate.
- 5.3 For information, **Walter Stauffenberg GmbH & Co. KG** has declared to BUREAU VERITAS the following production site:
Walter Stauffenberg GmbH & Co. KG, Werdohl / GERMANY

6. MARKING OF PRODUCT:

Each product is to be at least marked with:

- Manufacturer's name or logo
- Type designation

7. OTHERS:

- 7.1 It is **Walter Stauffenberg GmbH & Co. KG**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
- 7.2 This certificate supersedes the Type Approval Certificate N° 07562/D0 BV issued on 19 Jul 2013 by the Society.

***** END OF CERTIFICATE *****