



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2011/75/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8107**

This is to certify that the
Surface materials and floor coverings with low flame-spread characteristics: pipe insulation covers

with type designation(s)
Stenca Pipe / Stenca Tank

Manufacturer
Stenca Trading A/S
Aalborg Ø, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18d and Annex B, Module B in the Directive. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO FTP Code

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2012-12-04
for **Det Norske Veritas AS**

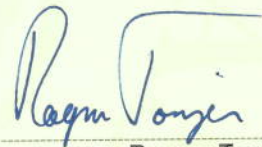


This Certificate is valid until
2017-12-04

Notified Body No.: **0575**


Marianne Strand Valderhaug
Head of Department

DNV local office:
Aalborg


Ragnar Tonjer
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-8107
Item No.: A1/3.18d
Job Id.: 344.1-001161-3

Product description

"Stenca Pipe / Stenca Tank"

pipe insulation material composed of flame retardant treated isocyanide foam type Formtex Daltofoam TE 42200 and aluminised glass fabric (0.95 mm) self glued to the insulation.

Total thickness is approximately 40 mm and density 4.58 kg/m².

Application/Limitation

The product may be used on cold service pipework / fittings for refrigeration system everywhere onboard, and for pipework, fittings, air ducts and tanks insulation in cargo areas, mail rooms, baggage rooms and refrigerated compartments of service spaces, and exterior locations (SOLAS II-2/5.3.1.1). (Piping for hot and cold sanitary water can not be considered "cold service pipe work/fittings").

Extent of application is to be considered and accepted for each case/project.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Test report No. 167431 dated 23 October 2007 from Bodycote Warringtonfire, UK.

Tests carried out

Tested according to IMO FTPC Part 5 and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

- Module D: The quality system for production and testing shall be approved by the Notified Body.
- Module E: The quality system for inspection and testing shall be approved by the Notified Body.
- Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

