

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:**That the Lifebuoys**

with type designation(s)

Taurus

Issued to

TR.EM SRL**Osteria Grande BO, Italy**

is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No. A.1/1.1 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation III/4, III/7, III/34 & X/3, LSA Code, 2000 HSC Code 8

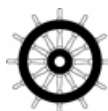
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-05-15**.Issued at **Høvik** on **2016-05-16**

DNV GL local station:

Venice

Approval Engineer:

Tessa BieverNotified Body
No.: **0575**for **DNV GL AS**-----
Vidar Dolonen
Head of Notified Body

Job Id: **344.1-000541-3**
Certificate No: **MEDB000015W**

Product description

"Taurus" Art. N 14 35060 lifebuoy:

Weight	3.1 kg
Diameter, inner/outer:	450/750 mm
Max drop height:	50 m
Buoyancy material:	Double component polyurethane "Duanapol C 035 HA" foam OR "Deltanat SWE + Deltapol 55904/BO" by Deltapor Spa. Italy.
Cover material:	High-density "Rigidex HD 5502 GA" polyethylene.

Application/Limitation

The lifebuoy does not have sufficient mass to operate the quick-release arrangement provided for self-activated smoke signals and self-igniting lights.

Self-igniting light and retro-reflective material used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

The design assessment is based on IMO Res. MSC 48(66) as amended by IMO Res. MSC 207(81), IMO Res. MSC 218(82) and IMO Res. MSC 272(85).

Each lifebuoy shall be marked in block capitals of the Roman alphabet with the name and port of registry of the ship on which it is carried.

Production and installation testing shall be carried out according to IMO Res. MSC. 81(70), Part 2, Ch.3.

Type Examination documentation

"Taurus" lifebuoy ring technical file, dated	1999-12-07
	2001-01-11

Marking of product

The product is to be indelibly marked with name of manufacturer, type designation, dimensions and date of manufacture. The marking shall be according to LSA Code, Item 1.2.2.9.