



TYPE APPROVAL CERTIFICATE
No. MAC014915CS/002

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	Filters
<i>Type</i>	Art. 1281 - Art. 1283
<i>Applicant</i>	GUIDI S.R.L. VIA DELLE ACACIE 2 28075 GRIGNASCO (NO) ITALY
<i>Manufacturer</i>	GUIDI S.R.L.
<i>Place of manufacture</i>	VIA DELLE ACACIE 2 28075 GRIGNASCO (NO) ITALY
<i>Reference standards</i>	Part C, Chapter 1, Section 10 of RINA Rules

Issued in **Genoa** on **May 21, 2015**. This Certificate is valid until **May 20, 2020**

RINA Services S.p.A.
Francesco Sciacca

This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE

No. **MAC014915CS/002**

Enclosure - Page 1 of 1

Art. 1281 - Art. 1283

Reference documents

Drawing No. 1281 approved with No. PPVT-20585 on 21st of May 2015.

Drawing No. 1283 approved with No. PPVT-20586 on 21st of May 2015.

Burst test reports No. 2009/TO/01/431 dated 29/12/2009 and No. 2015/MI/01/286 dated 31/03/2015.

Materials/Dimensions

Body and cover: Bronze CuSn5Zn5Pb5.

Technical characteristics

Filter art. 1281

Nominal diameters: DN 65, DN 80, DN 100, DN 125, DN 150, DN 200 and DN 250

Maximum working pressure at ambient temperature:

DN 65, DN 80, DN 100, DN 125 1 bar

DN 150, DN 200, DN 250 0,5 bar

Filter art. 1283

Nominal diameters: DN 65, DN 80, DN 100, DN 125, DN 150, DN 200 and DN 250

Maximum working pressure at ambient temperature:

DN 65, DN 80, DN 100, DN 125 1 bar

DN 150, DN 200, DN 250 0,5 bar

Fields of application

Sea water piping.

Acceptance conditions

The acceptance of the above mentioned products on board ships and other units classed with RINA is subject to the satisfactory outcome of testing as per RINA Rules.

Remarks

This Type Approval Certificate cancels and replaces the previous one No. MAC282709CS issued on 26th of March 2010 (english version).

Genoa May 21, 2015

