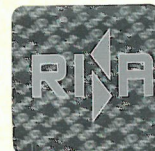




TYPE APPROVAL CERTIFICATE



N. ELE252018CS001

This is to certify that the product below is found to be in compliance with the applicable requirements of the RINA type approval system.

Description	Ship's Whistle
Types	PW2 and PW3
Applicant	Marco S.p.A. Via Mameli, 10 25014 Castenedolo (BS) ITALY
Manufacturer	Marco S.p.A. Via Mameli, 10 25014 Castenedolo (BS) ITALY
Testing Standards	Convention on the International Regulations for preventing collisions at sea, 1972 _ COLREG (Ref. to Italian Law n. 1085 _ 27th December 1977)

Issued in **Genova** on **August 28, 2018**

This certificate is valid until **August 28, 2023**

RINA Services S.p.A.

Valerio Bonanni



TYPE APPROVAL CERTIFICATE



N. ELE252018CS001

Whistle type PW2

Field of application (acc. to COLREG Regulations)

Vessels having length $L < 20$ meters
Sound pressure level 1/3 octave band @ 1 m : 120 dB
Audibility: 0,5 mile

Feeder

Compressed air.
Air pressure supply : from 0,15 to 0,30 MPa.

Reference documents:

RINA Report n. 2013/CS/01/534 (19/07/2013): frequency and sound pressure measurements (19/07/2013)
MARCO Letter on 06/02/2008.
Drawing no. 5.412/ S stamped by RINA on 03/06/1988

Whistle type PW3

Field of application (acc. to COLREG Regulations)

Vessels having length $20 \leq L < 75$ meters
Sound pressure level 1/3 octave band @ 1 m : 130 dB
Audibility: 1 mile

Feeder

Compressed air.
Air pressure supply : from 0,60 to 1,20 MPa.

Reference documents:

RINA Report n. 2013/CS/01/534 (19/07/2013): frequency and sound pressure measurements (19/07/2013)
MARCO Letter on 06/02/2008.
Drawing no. 5.413 stamped by RINA on 13/04/1988.