



TYPE APPROVAL CERTIFICATE

N. ELE041917CS001



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	Portable Sound Signal Equipment
Type	Gas Horn TA 1 R
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	D.L. 5th September 1990, n. 421 (Annex II)

Issued in **Genova** on **March 21, 2017**.

This certificate is valid until **March 21, 2022**

RINA Services S.p.A.

Valerio Bonanni



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Portable Gas Horn : TA1R

Field of application

Recreational vessel having length less than 50 meters

Operating frequency: 1000Hz

Acoustic pressure: >100dB

Reference documents

Marco dwgs No. 5.800 stamped by RINA on 02 July 1991.

Marco technical sheet No. M7 4-07 datata 23th February 1988.

Marco letter on 28//03/1991

Marco letter on 08/02/2012

Marco letter on 21/02/2012

RINA letter n. ELE1959/RBN (13/02/1991)

Ministerial Decree 5th September 1990 No. 421, annex II, comma 2.

Marco report on 21/02/2017 : Pressure level 113.5 dB @ 1 m frequency range 0 to 6400 Hz

Compressed gas: HFC134a (18 bar)