

# MARCO<sup>®</sup>

## MARINE TECH

Product Code  
*Codice Prodotto*  
**15204000**

### Portable gas horn *Avvisatore portatile*

Portable gas horn  
1000 ml.

Avvisatore R.I.N.A.  
1000 ml.

### Homologation Certificates *Certificati di omologazione*



For further information see internet site / Per ulteriori informazioni vedere sito internet - [www.marco.it](http://www.marco.it)

Marco S.p.A. Via Mameli, 10 – 25014 Castenedolo – Brescia – Italy  
Tel. +39 030 2134.1 / Fax +39 030 2134.300



# 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.

<b>Description</b>	<b>Portable Sound Signal Equipment</b>
<b>Type</b>	<b>Gas Horn TA 1 R</b>
<b>Applicant</b>	<b>MARCO S.p.A Via Mameli , 10 25014 Castenedolo (BS) ITALY</b>
<b>Manufacturer</b>	<b>MARCO S.p.A. Via Mameli , 10 25014 Castenedolo (BS) ITALY</b>
<b>Testing Standards</b>	<b>D.L. 5<sup>th</sup> September 1990, n. 421 (Annex II)</b>

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

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

RINA Services S.p.A.

*Valerio Bonanni*



# TYPE APPROVAL CERTIFICATE

N. ELE041917CS001



**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)