



**EC TYPE EXAMINATION (MODULE B)
CERTIFICATE No. MED134220CS/001**

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Life-Saving appliances requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2019/1397.

<i>MED Item N°</i>	MED/1.4
<i>Description</i>	Life jackets
<i>Type</i>	MODULO 150
<i>Applicant</i>	VELERIA SAN GIORGIO S.R.L. VIA A DE GASPERI 37H 16030 Casarza Ligure (GE) ITALY
<i>Testing standards</i>	IMO Res. MSC.81(70), as amended.
<i>Reference standards</i>	SOLAS 74 Reg. III/7 , SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/34, IMO Res.MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) I, IMO Res.MSC.48(66)-(LSA Code) II, IMO Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1470.

Issued in Genoa on
June 12, 2020

This Certificate is valid until
June 11, 2025

This Certificate consists of this sheet plus an attachment

Giovanni Carratino

RINA Services S.p.A.



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Manufacturer

VELERIA SAN GIORGIO S.R.L.

Place of Manufacturer

SITE A: VIA ALCIDE DE GASPERI 37 H - 16030 CASARZA LIGURE (GE) ITALY
SITE B: XINXIANG ROAD - BASHI TOWN WUXI JIANGSU - CHINA

Main characteristics

Inflatable lifejackets for adult with the following characteristics and main components:

Code	Type of activation	
	External compartment	Internal compartment
02140	Automatic / Manual / by mouth	Automatic / Manual / by mouth
02141	Automatic / Manual / by mouth	Manual / by mouth
02142	Automatic / Manual / by mouth	By mouth

Model 02140/HX - 02141/HX - 02142/HX are equipped with safety harness device with AISI316 double fasteners tested in compliance with ISO12401

Components	Type	Manufacturer
Covering fabric	TEX 3/ TEX 3.1/ TEX 5 / TEX 7	See Booklet CSST 5114
Inflation system	Automatic device: ALPHA V90000 UMS4030 Prosensor MA1 EC	See Booklet CSST 5114
	Manual device: 840AMX MA1 EC	See Booklet CSST 5114
	Oral inflation device V730 ROLS43C4/ V73002U	See Booklet CSST 5114
	CO2 gas cylinder 33 gr	See Booklet CSST 5114
Tapes	NAX1 25mm/30mm/40mm	See Booklet CSST 5114
Fasteners	SS 40 HD 40	See Booklet CSST 5114
Inflatable chamber material	TEX 1.1 - MP 550	See Booklet CSST 5114
Whistle	MW2 Duraflex	See Booklet CSST 5114
Retroreflective tape	Reflexite MG FD-1404 H-6750 II / H-3150 I	See Booklet CSST 5114

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Reference documents

Data sheet MODULO 150, issued by Veleria S.Giorgio on 30/04/09 and approved by RINA with n° CSST 5111;
Material and components booklet for inflatable lifejackets VSG21-RAW.00 issued by Veleria S.Giorgio and filed by RINA with n° CSST 5114;
Material and components booklet for reference vest n° RTDs-2009.00 issued by Veleria S.Giorgio on 30/04/09 and filed by RINA with n° CSST 4063.

Tests carried out

Water performance test n° 2009CS011130 issued and filed by RINA on 03/04/2010 with n° CSST 5115 in compliance with Res. MSC. 81(70) as amended by MSC.200(80) and with LSA code as amended by MSC.207(81);
Laboratory test on inflatable lifejacket and RTD buoyancy material issued by RINA Laboratory and filed by RINA with n° CSST 5116;
Laboratory test on lifejacket and RTD material issued by RINA Laboratory and filed by RINA with n° CSST 4077;
Adult Reference Test Device - Buoyancy Tracking and Verification, report n° 2015CS011786/RSA/RTD issued and filed by RINA with n° CSST 12764;
Test report n° 2015CS011786/2/RSA issued and filed by RINA according to MSC.378(93) with n° CSST 12765.

Application/Limitation of use

The lifejacket is approved only for use by adult of weight more than 43 Kg and height more than 155 cm and designed to fit person weighing up to 140 kg and with a chest girth of up to 1.750mm in compliance with MSC.207(81).

The lifejacket may be equipped with the following lights:

- Mod. RESCUE- DAN W1/ M1 by Daniamant Aps / Mod. Conqueror μ or Conqueror/S μ by SIC Divisione Elettronica Srl /Mod. Asteria by SIC Divisione Elettronica Srl/ Mod. Jack A1 by Alcares Aps.

The lifejacket can be equipped with different position indicating lights and retro-reflective materials EC type Approved in compliance with Directive 2014/90/EU as amended.

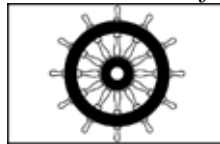
Remark

This certificate supersedes and replaces certificate MED178615CS/005 issued on May 27, 2015 due to certificate expiration.



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The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*
YYYY *The year in which the mark is affixed*

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reaproved prior to it being placed on board vessels to which the amended regulations or standards apply.

Giovanni Carratino