

CERTIFICATE OF ASSESSMENT OF TESTING LABORATORY

No. 2019/LI/01/967-001

This is to certify that:

TESLAB SRL

Via delle Cateratte, 84/12 – 57122 Livorno

has been found in compliance with the requirements of the RINA "RULES FOR THE ASSESSMENT OF TESTING LABORATORIES" for the performance of the tests listed in the attachment to this certificate

Issued at Livorno on 19/11/2019

This Certificate/Statement is valid until 19/11/2022

This Certificate consists of this sheet plus an attachment



Arturo Santarella
Marine Supervisor
RINA Services S.p.A.
1470

RINA

Signature by the person responsible of the Laboratory assessment

ATTACHMENT TO CERTIFICATE No. 2019/LI/01/967-001

LIST OF TESTS		
PRODUCT	TEST	STANDARD
Electronic equipment	Cold	IEC 60068-2-1
	Dry Heat	IEC 60068-2-2
	Vibration	IEC 60068-2-6
	Damp Heat	IEC 60068-2-30
	Insulation Resistance	Rina Rules Sec.6 Tab.1/n.9
	High Voltage	Rina Rules Sec.6 Tab.1/n.10
	External power supply failure	Rina Rules Sec.6 Tab.1/n.3
	Electric AC power supply variations	Rina Rules Sec.6 Tab.1/n.4 – IEC 60945
	Electric DC power supply variations	Rina Rules Sec.6 Tab.1/n.5 – IEC 60945
	Electric discharge immunity test	IEC 61000-4-2
	Radiated, radio-frequency, elect. field immunity test	IEC 61000-4-3
	Electrical fast transient/ Burst immunity test	IEC 61000-4-4
	Surge immunity test	IEC 61000-4-5
	Immunity to conducted disturbance, induced by radio-frequency fields	IEC 61000-4-6
	Power frequency magnetic field immunity test	IEC 61000-4-8
	Voltage dips, short interruptions and voltage variations immunity test	IEC 61000-4-11
	Conducted low frequency immunity test	IEC 61000-4-16 – IEC 60533
	Radiated emission	EN 55016-2-3
	Conducted emission	EN 55016-2-1
	Flame retardant	IEC 60695-2-2
	Compass safe distance procedure	EN 60945 – ISO 694
	Acoustic noise and signal measurement test	EN 60945
	Degrees of protection provided by enclosure	EN 60529
	Salt Mist	IEC 60068-2-52

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the assessment 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) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- d) The activities are to be carried out in compliance with RINA Rules and /or other applicable Rules




 Arturo Santarella
 Marine Surveyor
 RINA Services S.p.A.
 1470

21 November 2019

Signature and date