



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

IMANNA Laboratory, Inc.

**515 Gus Hipp Blvd.
Rockledge, FL 32955**

has been assessed by ANAB and meets the requirements of international standard

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AT-2826

Certificate Number


ANAB Approval

Certificate Valid Through: 12/05/2021
Version No. 003 Issued: 02/27/2020



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



ANSI National Accreditation Board

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

IMANNA Laboratory, Inc.

515 Gus Hipp Blvd.
 Rockledge, FL Zip 32955
 Robert White info@imanna.com
 321 632 2008

TESTING

Valid to: **December 05, 2021**

Certificate Number: **AT-2826**

Dimensional Inspection and Measurement

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Dimensional Inspection / Measurement <ul style="list-style-type: none"> • Construction • Use • Dimensional Characteristics • Mechanical Characteristics • Physical Properties • Markings • Documentation • Performance • Supplemental 	UL 1123 Marine Buoyant Devices (Inherently Buoyant Flotation)	Wearable and Throwable Personal Flotation Devices (Lifejackets) SOLAS UL 1123	Measuring Tapes(s), Stop Watch, Scale(s), Inclinator, Force gauge, Temperature Chambers for Heat and Freezing, Hoists, Water Tanks, Thermometer, Barometer, Thickness Gauge, CRE Tensile Tester, Humidity Chamber, Front Loading Washing Machine, Clothes Dryer, Weights, Air Pressure Gauges, Buoyancy Baskets, Cylinders for Tensile Tests, Test Point for Puncture Resistance, Rotating Shock Bin, Spray Heads, Optical Comparator
	UL 1175 Buoyant Cushions (Inherently Buoyant and Inflatable)	Except Buoyant Suits, Sailboard Harness Lifejackets, Hiking	
	UL 1177 Buoyant Vests (Inherently Buoyant)	Harness Lifejackets, Rescuer's Harness Lifejackets	
	UL 1517 Hybrid Personal Flotation Devices (Inherently Buoyant and Gas)	UL 1191 Components	
	UL 1180 Fully Inflatable Recreational Personal Flotation Devices (Gas Filled)	Except Thread, Fabric, Webbing, Lacing, Zippers, Hardware, Lacing Closures and Adjusters, Sailboard	
	UL 1191 Components for Personal Flotation Devices	Harness Hooks, Polymeric Enclosures for Kapok, RF Welded, Urethane Coated Nylon Compartment	
	ANSI/CAN/UL 12402 – Parts 1-10 Personal Flotation Devices (Recognized by Canada, Europe, and other Countries) (When approved)	Materials for Hybrid and Inflatable Recreational PFDs, All of Section 31 and 32 for Inflatables except for Window Material, Knitted Fabric Laminated to Foam Flotation Material	



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Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Ignition Protection Tests	SAE J 1171 External Ignition Protection of Marine Electrical Devices	AC and DC Electrical Components	Hydrocarbon Analyzer, Calibrated Gas Mixture, Temperature Indicator/Controller, Laser IR Temperature Indicator, Digital Multi-Meter True RMS, AC/DC Clamp Meter, Stop Watch, Environmental Conditions Data Logger
	ABYC C 1500 Ignition Protection Test for Marine Products		
	ABYC E-11 AC and DC Electrical Systems on Boats		
	UL 1236 Battery Chargers for Charging Engine-Starter Batteries - SB16 Ignition Protection		
	ISO 8846 and EN 28846 Small Craft – Electrical Devices – Protection Against Ignition of Surrounding Flammable Gases		
Navigation Lights Tests (Inland and Open Waters)	ABYC A16 Electric Navigation Lights	Navigation Lights	Radiometer / Photometer, Spectrometer, Rotary Positioner (Geniometer), Measuring Tape(s), Stop Watch, Pressure Gauge, Water Spray Nozzle, Lab Environment Data Logger
	ISO/EN 16180 Small Craft – Navigation Lights – Installation, Placement and Visibility		
	UL 1104 Marine Navigation Lights		

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Fuel Systems Component Tests	ABYC H-24 Gasoline Fuel Systems	Fuel System Components	Pressure Gauge, Pressure Cycling Switch, Temperature Measurement, Weighing Scale, Stop Watch, Inclinator, Measuring Tape(s), Vacuum Gauge, Reference Fuels, Graduated Cylinder for Fuel Measurement, Temperature Data Logger
	ISO 10088 Small Craft – Permanently Installed Fuel Systems		
	USCG 33 CFR 183.5XX – SubPart J – Fuel Systems		
	EN ISO 21487 – Small Craft – Permanently Installed Petrol and Diesel Fuel Tanks		
	EN ISO 7840 – Small Craft Fire Resistant Fuel Hoses		
	EN ISO 8469 – Small Craft Non-Fire Resistant Fuel Hoses		

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2826.



Vice President

