



SCOPE OF ACCREDITATION TO ISO/IEC 17065:2012

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PRODUCT CERTIFICATION BODY

Valid to: February 29, 2020

Certificate Number: 2946.01

In recognition of the successful completion of the A2LA Certification Body Accreditation Program evaluation process, accreditation is granted to this organization to perform the following Recreational Vehicle (RV) component certifications:

<u>Certification Scheme</u>	<u>Product Type / Category</u>	<u>Standards / Requirements</u>
RVIA-Recognized Certification Program	<i>Fuel-Burning Systems and Equipment</i>	
	Gas-Burning Heating Equipment	UL 307B; ANSI Z21.47 / CSA 2.3
	Heating System Ducting	UL 181; ULC S110
	Liquid Fuel-Burning Heating Equipment	UL 307A; CSA B140.10
	Liquid Fuel-Burning Water Heaters	ANSI Z21.10.3 / CSA 4.3
	<i>Water Distribution Systems</i>	
	Backflow Preventers / Vacuum Breakers	ASSE 1001; IAPMO TS 8 (US and Canada)
	Distribution System Winterizing Valves	IAPMO Z1157; ASME A112.18.1 / CSA B125.1
	Drinking Water System Components – Health Effects	NSF 61, <i>except</i> section 7
	Electrical Pressure Pumps	IAPMO TS 14; UL 778, <i>except</i> sections 58-64; CSA C22.2 No. 108, <i>except</i> sections 7-9, 11

<u>Certification Scheme</u>	<u>Product Type / Category</u>	<u>Standards / Requirements</u>
RVIA-Recognized Certification Program (cont'd)	<i>Water Distribution Systems (cont'd)</i>	
	Flexible PVC Hoses and Tubing	IAPMO TS 25; IAPMO Z1033
	Plumbing Supply Fittings	ASME A112.18.1 / CSA B125.1
	Potable Water Storage Tanks	IAPMO TS 4 (US and Canada)
	Rigid Plastic Hoses and Tubing	NSF 14; CSA B137
	Water Fill Inlets	IAPMO TS 13 (US and Canada)
	<i>Plumbing Fixtures</i>	
	Ceramic Plumbing Fixtures	IAPMO TS 22; ASME A112.19.2 / CSA B45.1
	Plastic Plumbing Fixtures	IAPMO TS 11; ANSI Z124 / CSA B45.5
	Stainless Steel Plumbing Fixtures	IAPMO TS 20; ASME A112.19.3 / CSA B45.4
	<i>Drainage Systems</i>	
	ABS Drainage Fittings	ASTM D2661; ASTM D3311; CSA B181.1
	Anti-Siphon Trap Vent Devices	ASSE 1051; NSF 24, section 19 (US and Canada)
	Drainage Sump Systems	TEi SFE-P002
	Electrically-Operated Termination Valves	IAPMO TS 30; UL 429 (Class 2 non-hazardous liquid); CSA C22.2 No. 139 (Class 2 non-hazardous liquid)
	Flexible Drain Systems	NSF 24, section 18; CSA Z240.3.2
	Flexible Drainage Connectors	IAPMO TS 35; CSA Z240.3.2
	Plastic Drainage Piping	IAPMO TS 19; CSA B181.1 (ABS); CSA B181.2 (PVC)
	Plumbing Waste Fittings	ASME A112.18.2 / CSA B125.2

<u>Certification Scheme</u>	<u>Product Type / Category</u>	<u>Standards / Requirements</u>
RVIA-Recognized Certification Program (cont'd)	<i>Drainage Systems (cont'd)</i>	
	PVC Drainage Fittings	ASTM D2665; ASTM D3311; CSA B181.2
	Termination Valves	IAPMO TS 30; CSA Z240.3.2
	Waste Holding Tank Flushing Systems	IAPMO TS 27; CSA Z240.3.2
	Waste Holding Tanks	IAPMO TS 2; CSA B45.6, <i>except</i> sections 4-6
	<i>Water Treatment Systems</i>	
	Drinking Water Treatment Units – Aesthetic Effects	NSF 42
	Drinking Water Treatment Units – Health Effects	NSF 53
	Water Softeners and Deionizing Systems	TEi SFE-P003
	<i>Low-Voltage Electrical Systems</i>	
	Electric Ventilation Fans	UL 507, <i>except</i> sections 52-55, 65-89, 108-178; CSA C22.2 No. 113, <i>except</i> sections 8-10
	Low-Voltage Lighting Fixtures	UL 234 (RV); UL 1149 (Marine); CSA C22.2 No. 250, <i>except</i> sections 9-12
	Specialty Electric Heaters	UL 1278; CSA C22.2 No. 46, <i>except</i> sections 5.13, 5.16, 7.6.6, 8
	Subfloor Heating Panels	UL 1693; CSA C22.2 No. 130
	Tank and Pipe Heaters	UL 499, <i>except</i> sections 17, 19, 20, 23, 28, 33.2-33.14, 36-38, 39.2-39.19, 43A, 49-84, SA; CSA C22.2 No. 130
	<i>Household-Voltage Electrical Systems</i>	
	Automatic Electrical Burner Control Systems	ANSI Z21.20 / CSA C22.2 No. 60730-2-5
	Battery Chargers	UL 1236, <i>except</i> sections SC-SE; CSA C22.2 No. 107.2, <i>except</i> section 9

<u>Certification Scheme</u>	<u>Product Type / Category</u>	<u>Standards / Requirements</u>
RVIA-Recognized Certification Program (cont'd)	<i>Household-Voltage Electrical Systems (cont'd)</i>	
	Electric Cooking Ranges	UL 858, <i>except</i> sections 59.3.4-59.3.7, 61, 63; CSA C22.2 No. 61
	Electric Heating and Cooling Equipment	UL 1995; CSA C22.2 No. 236
	Electric Water Heaters	UL 174; CSA C22.2 No. 110
	Special-use Switches	UL 1054; CSA C22.2 No. 55



Accredited Product Certification Body

A2LA has accredited

TEI-LISTING SERVICES

Salt Lake City, UT

This product certification body is accredited in accordance with the recognized International Standard ISO/IEC 17065:2012 *Requirements for bodies certifying products, processes and services*. This accreditation demonstrates technical competence for a defined scope and the operation of a management system.

Presented this 9th day of August 2018.

President and CEO
For the Accreditation Council
Certificate Number 2946.01
Valid to February 29, 2020

