



IAPMO RESEARCH AND TESTING, INC.

A non-profit corporation

5001 East Philadelphia Street, Ontario, California 91761-2816
909.472.4100 | 909.472.4250

This is to certify that

CRT Laboratories, Inc. (California Resin Testing) (Lab #0000037)

1680 N Main Street
Orange, CA 92867 USA

is recognized by IAPMO Research and Testing, Inc. as an independent Testing Laboratory. IAPMO Research and Testing, Inc. agrees to accept reports prepared by the Laboratory in accordance with the policies and procedures agreed to by the laboratory in the Laboratory Recognition Agreement. The Laboratory has satisfactorily demonstrated its compliance to ISO/IEC 17025:2017 as referenced in clause 6.2 of ISO/IEC 17065:2012, and has been verified as capable of performing tests in the following categories:

Backflow Preventers | Cements, Solders & Joint Compounds | Electrical | Mfd. Housing/ R.V. Components | Metal Fixtures | Metal Pipe / Fittings | Pipe Wrap Tape/ Coatings | Plastic Cell Class Testing | Plastic Fixtures | Plastic Pipe/ Fittings | Pool/Spa Components / Fittings| Septic Systems | Shower Pan Liners | Valves/Faucets | Water Closets

IAPMO Research and Testing, Inc. will accept from the Laboratory only reports of testing conducted under the direct control and supervision of employees of the Laboratory.

This Laboratory Listing is valid beginning **3/31/2023** and expires after **3/31/2024**.

This listing is subject to the conditions set forth by IAPMO Research and Testing, Inc. Any alteration or falsification of this certification may constitute grounds for delisting of the Laboratory. Reproduction of this certification, in whole or in part, for advertising purposes without the expressed written permission of IAPMO Research and Testing, Inc. is strictly prohibited.


Russ Chaney
Chief Executive Officer




Jin Luo
Executive Vice President of
Laboratory Recognition



IAPMO RESEARCH AND TESTING, INC.

Laboratory Listing

APPENDIX "A"

CRT Laboratories, Inc. (California Resin Testing) (Lab #0000037)

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Certificate Appendix Page # 1

ANSI:

ANSI A108, A118 & A136-2020

ASME:

ASME A112.3.4-2013/ CSA B45.13

ASME A112.6.3-2019

ASME A112.6.3-2016

ASME A112.6.4-2003 (R2008)

ASME A112.6.7-2022

ASME A112.14.1-2003 (R2008)

ASME A112.18.1-2018/ CSA B125.1-18(except sections: 4.9, 4.13 and 5.2)

ASME A112.18.2-2020/ CSA B125.2-20(except sections: 5.2 & 5.4)

ASME A112.18.6-2009

ASME A112.18.6-2017 (Except Toxicity)

ASSE:

ASSE 1014-2005

ASSE 1016-2011/ ASME A112.1016-2011/CSA B125.16-11 (Except sections 4.6,4.7, 4.8 and 4.9)

ASSE 1061- 2020 (Except section: 4.1.1, 4.1.2 and 4.1.3

ASSE 1072-2020 (Except 4.1 and 3.9)

ASTM:

ASTM B32-2008(sections 8.1, 8.1.1, 8.1.2,8.2, 8.2.1, 8.2.2,13.1, 13.1.1, 13.1.2, 13.1.3, 13.3.1, 13.3.2, 13.3.3, 13.3.4, 13.3.5)

ASTM B813-2016

ASTM C564-2014 (except 9.7)

ASTM C1053-2000 (R2010)

ASTM C1173-2022 (except section 10.1.4)

ASTM C1460-2017

ASTM C1460-2017

ASTM D1527-1999 (R2005)

ASTM D1784-2011

ASTM D1785-2012

ASTM D2846-2009be1

ASTM D2104-2003

ASTM D2235-2004 (R2011)

ASTM D2239-2012



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ASTM D2241-2009	ASTM F405-2005
ASTM D2466-2006	ASTM F409-2012
ASTM D2467-2015	ASTM F437-2009
ASTM D2468-1996a	ASTM F438-2009
ASTM D2513-2012ae1	ASTM F439-2009
ASTM D2564-2012	ASTM F441-2009
ASTM D2661-14(CSA, CAN/CSA-B181.1-M90)	ASTM F442-2012
ASTM D2665-2014(CSA, CAN/CSA-B181.2-11)	ASTM F628-2012e1 (Section 6.4.4 only)
ASTM D2672-1996a (R2009)	ASTM F656-2010
ASTM D2680-2001 (R2009)	ASTM F667-2012
ASTM D2729-2011	ASTM F794-2003 (R2009)
ASTM D2737-2003	ASTM F810-2012
ASTM D2751-2005	ASTM F876-2010e1
ASTM D2855-1996 (R2010)	ASTM F877-2020
ASTM D3034-2008(CSA, CAN/CSA-B182.2-M90)	ASTM F891-2010
ASTM D3122-1995 (R2009)	ASTM F949-2010
ASTM D3212-2007	ASTM F1216-2016
ASTM D3311-2011	ASTM F1412-2016
ASTM D3350-2014	ASTM F1673-2010
ASTM D3965-2011	ASTM F1743-2017
ASTM D4068-2009 (except 14.4)	ASTM F1807-2018 (except 5)
ASTM D4101-2014 (except section 13.1.7)	ASTM F1924-2012
ASTM D5630-2013	ASTM F1948-2015
	ASTM F1960-2018a
	ASTM F2158-2008
	ASTM F2306-2014e1 (except section 7.8)
	ASTM F2389-2019



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AWWA:

AWWA C210-2007

AWWA C213-2015

AWWA C900-1997 (pipe sizes through 8")

CSA:

CSA B45.12-2013/ IAPMO Z402-2013

CSA B45.5-17/ANSI Z124-2017(except
5.10 and 5.12)

CSA B66-2021

CSA B272-1993 (R2008)

CSA CAN/CSA B70-M91

IAPMO:

IAPMO/ANSI Z124.5-2013

IAPMO/ANSI Z124.8-2013 (except
5.4,5.6, 5.7)

IAPMO IGC 120-2019 (Except Section 4.2)

IAPMO IGC 189-2019e1 (Except section
4.1)

IAPMO IGC 219-2019 (Except Section 5.1)

IAPMO IGC 224-2018

IAPMO IGC 262-2020 (Except Section 4.4)

IAPMO IGC 276-2019 (Except section 6.1)

IAPMO PS 37-1990 (except dielectric
breakdown, High Humidity Insulation
Resistance)

IAPMO PS 42-2013

IAPMO PS 51-2013

IAPMO PS 52-2019

IAPMO PS 54-2015 (Except Section 7.4)

IAPMO PS 63-2005

IAPMO PS 64 -2012ae1(except 4.1.1 and
6.4)

IAPMO PS 90-2012e1 (except 4.1.2)

IAPMO PS 94-2012

IAPMO PS 95-2001

IAPMO PS 106-2015e1

IAPMO PS 120-2004 with exception to
chem analysis in section 4.1 (capable metal
analysis portion)

IAPMO Z1000-2013

IAPMO Z1033-2013

NSF:

NSF 14-2016a



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UL:

UL 651-1995

MISC:

Fingerprinting material using infrared and differential scanner