

Schedule

Singapore Laboratory Services Pte Ltd
64 & 76 Tuas South Ave 2
Singapore 637525 & 637519

Certificate No. : LA-2016-0631-A

Issue No. : 8

Date : 30 July 2024

Expiry of
Certificate : 30 November 2028

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FIELD OF TESTING : Chemical and Biological Testing

PRODUCTS TESTED	TESTS	METHODS / TECHNIQUES / EQUIPMENT
A. Non-metallic Products for Use in Contact with Water Intended for Human Consumption	1. Extraction of Metals	SS 375 : Part : 2.6: 2001/ 2015 (2024)+A1:2024 MS 1583: Part 2: Section 6: 2003 BS 6920 : 2014 Section 2.6 AS/NZS 4020 : 2005/ 2018, Appendix H
	2. Extraction procedures for end of line fittings & Water Heaters	AS/NZS 4020: 2005/ 2018, Appendix I & K SS 375: Part 1: 2015(2024)+A1:2024 Clause 8
	3. Odour & flavour of water	SS 375: Part 2:2.1: 2015 (2024)+A1:2024 SS 375: Part 3: 2015 (2024)+A1:2024 MS 1583: Part 2: Section 2: 2003 MS 1583: Part 3: 2003 BS 6920: Part 3: 2000 BS 6920: 2014 Section 2.2.1 AS/NZS 4020: 2018 Appendix C&J
	4. Appearance of water	SS 375: Part 2:3: 2015 (2024)+A1:2024 MS 1583: Part 2: Section 3: 2003 AS/NZS 4020: 2018 Appendix D BS 6920-2.3:2014

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PRODUCTS TESTED	TESTS	METHODS / TECHNIQUES / EQUIPMENT
B. Plastic / Unplasticized Pipes and Fittings	5. Turbidity	ISO 7027-1: 2016, APHA 2130B
	1. Resistance to acetone	SS 141: 2013
	2. Resistance to sulphuric acid	SS 174: 2014, 1997
	3. Extraction of metals	ISO 3114: 1977 ISO 6992: 1986
	4. PVC content	SS 213: 1998 (Annex C), SS 213: 2022 (Annex B) SS 272: 2012 / 2022 (Annex C)
	5. Titanium Dioxide, TiO ₂	SS 213: 1998 (Annex C) SS 213: 2022 (Annex B) SS 272: 2012 / 2022 (Annex C)
	6. Degree of cross-link	BS 7291-3: 2010
C. Ceramic Tiles / VC China	7. pH	ISO 10523: 2008
	1. Chemical resistance (Quality of VC China)	BS 3402: 1969 AS 1976: 1992
	2. Chemical resistance (Ceramic Tiles)	BS EN ISO 10545-13: 1997/ 2016
	3. Stain resistance (Ceramic Tiles)	BS EN 10545-14: 2015
	4. Reverse stain (Ceramic Tiles)	In-house method, SLS-WIC-02 Rev 00

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PRODUCTS TESTED	TESTS	METHODS / TECHNIQUES / EQUIPMENT
D. Metal Pipes and Fittings	1. MIBK test 2. Dezincification resistance 3. Carbon film 4. Resistance to stress corrosion 5. Chemical composition Zn, Pb, Sn, P, Mn, Fe, Ni, Si, Mg, Cr, As, Sb, Cd, Bi, Co, Al, S, Be, B, Se, Cu, C	BS EN14901 : 2014 (Section 7.1.6) ISO 6509-1: 2014 ISO 6509-2: 2017 AS 2345: 2006 BS EN 1057: 2006 BS EN 1254-6: 2012 ISO 6957: 1988 In-House Method SLS-WI-27 Rev00

Approved Signatories

Mr Jimmy Lee Shen Sun)
Mr Chua Lee Choong) For all accredited tests
Mr Caleb Lee Jun)

Note:

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.