

Schedule

Element Materials Technology Singapore Pte Ltd
West Point Bizhub
106 Tuas South Avenue 2
Singapore 637158

Certificate No. : LA-2018-0690-A
Issue No. : 7
Date : 29 July 2025
Expiry of Certificate : 22 August 2029
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FIELD OF TESTING : Chemical and Biological Testing

MATERIALS / PRODUCTS TESTED		TESTS / PROPERTIES		STANDARD METHODS / TECHNIQUES / EQUIPMENT
	Metals, Metal Products and Welds	1.	Salt Spray Test	ASTM B117-19
		2.	Hydrogen Sulphide by Iodometric Titration	NACE TM0284-2016, Appendix D
		3.	Optical Emission Spectrometer	EL-A-OP-CH-SIN-MD202A Issue 2 Aug 2024 ASTM E415-21 ASTM E1086-22 ASTM E3047-22
a	Ferrous Base – Carbon steels & low alloy steels	a.	C, Si, Mn, P, S, Cr, Mo, Ni, Al, Cu, Nb, Ti, V, B*, Co	
b.	Ferrous Base – Stainless steels, duplex and super duplex	b.	C, Si, Mn, P, S, Cr, Mo, Ni, Cu, Nb, Ti, Co, W, N, V	
c.	Nickel base	c.	C, Si, Mn, P, S, Cr, Mo, Ni, Al, Cu, Nb, Ti, Fe, Co, B, Ta	
		4.	Positive Material Identification by XRF	EL-A-OP-CH-SIN-MD234 Issue 3 May 2025

*0.0005% lowest detection limit

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Approved Signatory

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|--------------------------|-----------------------------|
| 1. Mr Rory L. Dapitan | - For all accredited tests |
| 2. Mr Ramesh Sellapan | - For all accredited tests |
| 3. Mr Aldrin Quijada | - For all accredited tests |
| 4. Dr Basab Bhattacharya | - For all accredited tests |
| 5. Kingsley Leong | - For accredited test no. 3 |

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.