TOKO®

TOKO TECHNOLOGY (WUXI) CO., LTD

MILL TEST CERTIFICATE

Customer	Commodity	Dimension	Lot No.	Mfg. Date	Specification & Classification	Issue Date	Certificate No.
---------	E309L-16	3.2	S20230705	2023.07.08	AWS A5.4 E309L- 16 ISO 3581 B-ES309L-16	2023.07.15	20230715

Chemical Composition (%)

Elements	C	Mn	Si	P	S	Cu	Ni	Cr	Mo	V	Fe
Requirement	≤0. 04	0.5~2.5	≤ 0.90	≤0.040	≤0.030	≤0.75	12.0- 14.0	22.0~25.0	≤0.75	/	/
Deposited Metal	0.027	0.85	0.67	0.016	0.010	0.15	13.05	24.20	0.065	/	/

	Tensile Test of Deposited Metal			Impact Test of Deposited Metal		Soundness Test	Welding Condition				Postweld Heat Treatment (hour)
	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation (%)	Test Temp (C)	Absorbed Energy(J)		Type of Current	Amperage	Arc Voltage	Shielding Gas	
Requirement	/	≥530	≥25	/	/	II	AC/DC+	80-120A	/	/	1~3
Test Result	/	565	40	/	/	I	AC/DC+	80-120A	/	/	1~3

The information contained or otherwise referenced herein is presented only as “typical” without guarantee or warranty, and TOKO Corporation expressly disclaims any liability incurred from any reliance thereon. Typical data and Test results for mechanical properties, deposit or electrode composition and other properties were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

Issue by TOKO GROUP Q.C.

