

TOKO TECHNOLOGY (WUXI) CO., LTD

MILL TEST CERTIFICATE

AWS A5.1 E6011 WELDING ELECTRODE

Customer	Commodity		Dimension	Lot No.	Mfg. Date	Specification & Classification				Issue Date	Certificate No.
-----	E6011		3.2	20240227	2024.02.26	AWS A5.1 E6011				2024.02.27	E20240227
Chemical Composition (%)											
Elements	C	Mn	Si	P	S	Ni	Cr	Mo	V		
Requirement	≤0.20	≤1.20	≤1.00	≤0.040	≤0.035	≤0.30	≤0.20	≤0.30	≤0.08		
Deposited Metal	0.11	0.38	0.10	0.012	0.009	0.085	0.030	0.023	0.008		
	Tensile Test of Deposited Metal			Impact Test of Deposited Metal		Soundness Test	Welding Condition				Post-weld Heat Treatment
	Yield Strength (MPa)	Tensile Strength (MPa)	Elongati on (%)	Test Temp (C)	Absorbed Energy(J)		Type of Current	Diameter of Size	Arc Voltage	Shielding Gas	
Requirement	≥430	≥330	≥22	-30℃	/	II	AC/DC+	2.5mm	50~80	/	/
Test Result	510	400	27	80	/	I	AC/DC+	3.2mm	80~100	/	/

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.

