



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type	Norm	Brand Name	Part #	Diameter	Lot No.	Manufactured Date	Date of Issue
AWS E6010	AWS A5.1-2012	BAUEN	6001002	1/8" (3.2MM)	24-30023	SHOWN ON PACKAGE	05 / 07 / 2024

Mechanical Properties of Deposited Metal			Chemical Composition of Deposited Metal (%)						
Item		Requirement	Actual Result	Element	Requirement	Actual Result	Element	Requirement	Actual Result
Yield Strength Rel(MPa)		≥330	446	C	≤0.2000	0.086	Mo	≤0.3000	0.0016
Tensile Strength Rm(MPa)		≥430	515	Si	≤1.0000	0.075	V	≤0.0800	0.0028
Elongation A5 (%)		≥22	26	Mn	≤1.2000	0.38	Cu	--	--
Impact Test	Impact Temp (°C)	-30	-30	S	≤0.0350	0.0063	Ti	--	--
	Impact Absorbed Energy (J)	≥27	87 86 91	P	≤0.0400	0.017	Al	--	--
X-Ray		--	Complies	Cr	≤0.2000	0.022	--	--	--
Hydrogen Content (ml/100g)		--	--	Ni	≤0.3000	0.012	Fillet weld test of T-joint		Passed
Approved Classification Grade		CCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--) RINA (--)
10050 NW 116TH Way, Suite 15. Medley, Florida 33178. Telf: 305-4205099				This is to certify that the welding consumable conform with the standard Signature Inspection seal					