



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	6001001	3/32" (2.4MM)	24-30002	SHOWN ON PACKAGE	02 / 02 / 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	447	C	≤0.2000	0.13	Mo	≤ 0.3000	0.0014	
Tensile Strength Rm(MPa)		≥430	526	Si	≤1.0000	0.09	V	≤ 0.0800	0.0045	
Elongation A5 (%)		≥22	26.5	Mn	≤1.2000	0.47	Cu	--	--	
Impact Test	Impact Temp (°C)	-30	-30	S	≤0.0350	0.0092	Al	--	--	
	Impact Absorbed Energy (J)	≥27	67 78 91	P	≤0.0400	0.014	Ti	--	--	
X-Ray		--	Complies	Cr	≤0.2000	0.021	--	--	--	
Hydrogen Content (ml/100g)		--	--	Ni	≤0.3000	0.015	Fillet weld test of T-joint		Complies	
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				
										