



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	6001004	3/16" (4.8MM)	24-30024	SHOWN ON PACKAGE	17 / 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	367	C	≤0.2000	0.073	Mo	≤0.3000	0.001	
Tensile Strength Rm(MPa)		≥430	460	Si	≤1.0000	0.13	V	≤0.0800	0.0053	
Elongation A5 (%)		≥22	24	Mn	≤1.2000	0.53	Cu	--	--	
Impact Test	Impact Temp (°C)	-30	-30	S	≤0.0350	0.002	--	--	--	
	Impact Absorbed Energy (J)	≥27	115 114 122	P	≤0.0400	0.02	--	--	--	
X-Ray		Required	Complies	Cr	≤0.2000	0.031	--	--	--	
Hydrogen Content (ml/100g)		--	--	Ni	≤0.3000	0.013	Fillet weld test of T-joint		Complies	
Approved Classification Grade		CCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--)	RINA (--)

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This is to certify that the welding consumable conform with the standard

Signature



Inspection seal

