



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/A5.1M-2012	BAUEN	6001003	5/32" (4.0MM)	24-30021	SHOWN ON PACKAGE	2024-07-17

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	453	C	≤ 0.2000	0.094	Mo	≤ 0.3000	0.0018
Tensile Strength Rm(MPa)		≥ 430	522	Si	≤ 1.0000	0.15	V	≤ 0.0800	0.005
Elongation A5 (%)		≥ 22	26.5	Mn	≤ 1.2000	0.59	Cu	--	--
Impact Test	Impact Temp (°C)	-30	-30	S	≤ 0.0350	0.019	Al	--	--
	Impact Absorbed Energy (J)	≥ 27	67 75 79	P	≤ 0.04000	0.015	Ti	--	--
X-Ray		Required	Complies	Cr	≤ 0.2000	0.032	--	--	--
Hydrogen Content (ml/100g)		--	--	Ni	≤ 0.3000	0.005	Fillet weld test of T-joint		Complies
Approved Classification Grade		CCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--) RINA (--)

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Telf: 305-4205099

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

Signature



Inspection seal

