



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 ASME SFA-5.1/SFA-5.1M	BAUEN	6001 002	1/8" (3.2mm)	26-30000	SHOWN ON PACKAGE	26 / 02 / 2026

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	416	C	≤0.20	0.092	Mo	≤0.30	0.0016
Tensile Strength Rm(MPa)		≥430	478	Si	≤1.00	0.035	V	≤0.08	0.003
Elongation A[%]		≥22	28	Mn	≤1.20	0.3	Cu	--	--
Impact Test	Impact Temp (°C)	-30	-30	S	--	0.014	Ti	--	--
	Impact Absorbed Energy (J)	≥27	78 56 61	P	--	0.015	Al	--	--
X-Ray		--	Passed	Cr	≤0.20	0.044	--	--	--
Hydrogen Content (ml/100g)		--	--	Ni	≤0.30	0.001	Fillet weld test of T-joint		--
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

