



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 004	3/16" (4.8mm)	26-30004	SHOWN ON PACKAGE	11 / 03 / 2026

Mechanical Properties of Deposited Metal	Chemical Composition of Deposited Metal [%]
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Item		Requirement	Actual Result	Element	Requirement	Actual Result	Element	Requirement	Actual Result
Yield Strength Rel(MPa)		≥330	378	C	≤0.20	0.081	Mo	≤0.30	0.01
Tensile Strength Rm(MPa)		≥430	455	Si	≤1.00	0.066	V	≤0.08	0.0037
Elongation A[%]		≥22	28	Mn	≤1.20	0.35	Cu	--	--
Impact Test	Impact Temp (°C)	-30	-30	S	--	0.014	Ti	--	--
	Impact Absorbed Energy (J)	≥27	52 53 49	P	--	0.015	Al	--	--
X-Ray		Required	Complies	Cr	≤0.20	0.066	--	--	--
Hydrogen Content (ml/100g)		--	--	Ni	≤0.30	0.022	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

APPROVED
BY LIAO
YUGANG

Inspection seal

