



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	6001004	3/16" (4.8MM)	25-30026	SHOWN ON PACKAGE	08 / 08 / 2025

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	425	C	≤0.2000	0.1	Mo	≤0.3000	0.0018	
Tensile Strength Rm(MPa)		≥430	503	Si	≤1.0000	0.19	V	≤0.0800	0.0048	
Elongation A5 (%)		≥22	26	Mn	≤1.2000	0.56	Cu	--	--	
Impact Test	Impact Temp (°C)	-30	-30	S	≤0.0350	0.0062	--	--	--	
	Impact Absorbed Energy (J)	≥27	71 78 82	P	≤0.0400	0.016	--	--	--	
X-Ray		Required	Complies	Cr	≤0.2000	0.03	--	--	--	
Hydrogen Content (ml/100g)		--	--	Ni	≤0.3000	0.033	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

APPROVED
BY LIAO
YUGANG

Inspection seal

