



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)	23-30032	SHOWN ON PACKAGE	2023-11-10

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	372	C	≤0.2000	0.095	Mo	≤0.3000	0.0018
Tensile Strength Rm(MPa)		≥430	474	Si	≤1.0000	0.18	V	≤0.0800	0.0049
Elongation A5 (%)		≥22	29.5	Mn	≤1.2000	0.64	Cu	--	--
Impact Test	Impact Temp (°C)	-30	-30	S	≤0.0350	0.019	--	--	--
	Impact Absorbed Energy (J)	≥27	122 102 89	P	≤0.0400	0.019	--	--	--
X-Ray		Required	Complies	Cr	≤0.2000	0.026	--	--	--
Hydrogen Content (ml/100g)		--	--	Ni	≤0.3000	0.0095	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



Inspection seal

