



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type AWS E6010	Norm AWS A5.1/A5.1M-2012	Brand Name BAUEN	Part # 6001004	Diameter 3/16" (4.8 MM)	Lot No. 22-30013	Manufactured Date SHOWN ON PACKAGE	Date of Issue 07-07-2022
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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	398	C	≤0.2000	0.098	Mo	≤0.3000	0.0011	
Tensile Strength Rm(MPa)	≥430	469	Si	≤1.000	0.13	V	≤0.0800	0.0064	
Elongation A5 (%)	≥22.000	23.5	Mn	≤1.2000	0.66	Cu	--	--	
Impact Test	Impact Temp (°C)	-30	S	≤0.0350	0.011	Al	--	--	
	Impact Absorbed Energy (J)	≥27	138 82 108	P	≤0.0400	0.014	Ti	--	
X-Ray	Required	Complies	Cr	≤0.2000	0.079	--	--	--	
Hydrogen Content (ml/100g)	--	--	Ni	≤0.3000	0.019	Fillet weld test of T-joint		Complies	
Approved Classification Grade	GCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--)	RINA (--)

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Medley, Florida 33178.
Telf: 305-4205099

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

Signature



Inspection seal

