



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E6010	Norm A5.1 / A5.1 M-2004	Brand Name Bauen	Part # 6001002	Diameter 1/8" (3.2mm)	Lot No. 18-392	Manufactured Date Shown on Package	Date of Issue 2018/07/17		
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	414	C	Max. 0.2	0.069	Mo	Max. 0.3	0.016	
Tensile Strength Rm(MPa)	≥430	493	Si	Max. 1	0.30	V	Max. 0.08	0.017	
Elongation A5 (%)	≥22	25.5	Mn	Max. 1.2	0.65	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	S	Max. 0.035	0.012	Al	--	--	
	Av. Absorbed Energy (J)	≥ 27	P	Max. 0.04	0.019	Ti	--	--	
X-Ray	II	--	Cr	Max. 0.2	0.021	--	--	--	
Hydogen Content (ml/130g)	--	--	Ni	Max. 0.3	0.019	--	--	--	
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					