



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
E6010	AWS A5.1/A5.1M-2004	Bauen	6001003	5/32" (4.0mm)	18-3115	Shown on Package	2018 / 11 / 02

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)		Min. 330	334	C	Max. 0.2	0.067	Mo	Max. 0.3	0.001	
Tensile Strength Rm(MPa)		Min. 430	439	Si	Max. 1	0.14	V	Max. 0.08	0.006	
Elongation A5 (%)		Min. 22	27.5	Mn	Max. 1.2	0.43	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	-30	S	Max. 0.035	0.016	A1	--	--	
	Av. Absorbed Energy (J)	Min. 27	60 37 112	P	Max. 0.04	0.017	Ti	--	--	
X-Ray		--	--	Cr	Max. 0.2	0.019	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	Max. 0.3	0.033	--	--	--	
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				