



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" (4.0 mm)	17-3185	Shown on Package	2017 / 09 / 05

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	406	C	Max. 0.2	0.086	Mo	Max. 0.3	0.003	
Tensile Strength Rm(MPa)		Min. 430	486	Si	Max. 1	0.48	V	Max. 0.08	0.005	
Elongation A5 (%)		Min. 422	23.5	Mn	Max. 1.2	0.54	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	-30	S	Max. 0.035	0.019	A1	--	--	
	Av. Absorbed Energy (J)	Min. 27	81 81 71	P	Max. 0.04	0.019	Ti	--	--	
X-Ray		--	--	Cr	Max. 0.2	0.027	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	Max. 0.3	0.059	--	--	--	
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				
										