



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E308L-16	Norm AWS A5.4	Brand Name Halbar	Part # 6003802	Diameter 1/8" (3.2mm)	Lot No. 20171106	Manufactured Date Shown on Package	Date of Issue 2018 / 01 / 02
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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)		--	--	C	--	0.037	Mo	--	0.12	
Tensile Strength Rm(MPa)		--	600	Si	--	0.44	V	--	--	
Elongation A5 (%)		--	37	Mn	--	0.97	Cu	--	0.03	
Sharp V noch	Impact Temp (°C)	--	--	S	--	0.009	B	--	--	
	Av. Absorbed Energy (J)	--	--	P	--	0.026	N	--	0.040	
X-Ray		--	--	Cr	--	19.69	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	--	9.55	--	--	--	
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				
										