



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E308L-16	Norm AWS A 5.4	Brand Name Halbar	Part # 6003802	Diameter 1/8" (3.2mm)	Lot No. 182530H	Manufactured Date Shown on Package	Date of Issue 2018 / 07 /13		
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	≤ 0.04	0.022	Mo	≤ 0.75	0.044	
Tensile Strength Rm(MPa)	≥520	613	Si	≤ 1.00	0.7	V	--	--	
Elongation A5 (%)	≥30	48.0	Mn	0.5~2.5	0.75	Cu	≤ 0.75	0.063	
Sharp V noch	Impact Temp (°C)	--	S	≤ 0.03	0.0083	--	--	--	
	Av. Absorbed Energy (J)	--	P	≤ 0.04	0.026	--	--	--	
X-Ray	I	I	Cr	18-0~21	19.52	--	--	--	
Hydogen Content (ml/130g)	--	--	Ni	9-0~11	9.65	--	--	--	
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				