



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
E308L-16	AWS A5.1/A5.1M-2004	Halbar	6003802	1/8" (3.2mm)	183172H	Shown on Package	2019 / 01 / 31

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	00.023	Mo	≤0.75	0.042	
Tensile Strength Rm(MPa)		≥520	638	Si	≤1.00	0.83	V	--	--	
Elongation A5 (%)		≥30	45.0	Mn	0.5~2.5	0.84	Cu	≤0.75	0.037	
Sharp V noch	Impact Temp (°C)	-30	-30	S	≤0.03	0.010	A1	--	--	
	Av. Absorbed Energy (J)	--	--	P	≤0.04	0.023	Ti	--	--	
X-Ray		I	I	Cr	18.0~21.0	19.85	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	9.0~11.0	9.43	--	--	--	
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				
										