



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
E316L-16	AWS A5.4-2012	LAREN	6003602	1/8" (3.2MM)	245497K	Shown on Package	27 / 03 / 2025

Mechanical Properties of Deposited Metal				Chemical Composition of Deposited Metal (%)						
Item		Requirement	Actual Result	Element	Requirement	Actual Result	Element	Requirement	Actual Result	
Tensile Test	Yield Strength Rel(MPa)	--	--	C	≤0.04	0.023	Mo	2.0~3.0	2.37	
	Tensile Strength Rm(MPa)	≥490	578	Si	≤1.00	0.56	Cu	≤0.75	0.068	
	Elongation A5 (%)	≥30	42.5	Mn	0.5~2.5	0.83	V	--	--	
Impact Test	Impact Temp (°C)	--	--	S	≤0.03	0.0078	--	--	--	
	Impact Absorbed Energy (J)	--	--	P	≤0.04	0.021	--	--	--	
X-Ray		Required	Complies	Cr	17.0~20.0	18.69	--	--	--	
Ferrite Number (FN)		--	11.1	Ni	11.0~14.0	11.35	Fillet weld test of t-joint		Passed	
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				