



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	6003601	3/32" (2.4 MM)	242518K	Shown on Package	28 / 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	0.029	Mo	2.0~3.0	2.34
	Tensile Strength Rm(MPa)	≥490	578	Si	≤1.00	0.62	V	--	--
	Elongation A5 (%)	≥30	51.0	Mn	0.5~2.5	0.91	Cu	≤0.75	0.070
Impact Test	Impact Temp (°C)	--	--	S	≤0.03	0.0087	--	--	--
	Impact Absorbed Energy (J)	--	--	P	≤0.04	0.023	--	--	--
X-Ray		--	Complies	Cr	17.0~20.0	18.43	--	--	--
Ferrite Number (FN)		--	8.0	Ni	11.0~14.0	11.46	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 					