



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E316L-16	Norm AWS A5.4-2012	Brand Name LAREN	Part # 6003602	Diameter 1/8" (3.2MM)	Lot No. 223069H	Manufactured Date Shown on Package	Date of Issue 2022 / 05 / 19
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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	
Tensile Test	Yield Strength Rel(MPa)	--	--	C	≤0.04	0.026	Mo	2.0~3.0	2.38	
	Tensile Strength Rm(MPa)	≥490	608	Si	≤1.00	0.92	Cu	≤0.75	0.075	
	Elongation A5 (%)	≥30	44.5	Mn	0.5~2.5	0.83	--	--	--	
Impact Test	Impact Temp (°C)	--	--	S	≤0.03	0.0065	--	--	--	
	Impact Absorbed Energy (J)	--	--	P	≤0.04	0.023	--	--	--	
X-Ray		Required	Complies	Cr	17.0~20.0	19.56	--	--	--	
Ferrite Number (FN)		--	10.0	Ni	11.0~14.0	11.51	Fillet weld test of t-joint		Complies	
Approved Classification Grade		GCS (--)	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

APPROVED
BY LIAO
YUGANG

Inspection seal

