



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" (2.4mm)	192865H	Shown on Package	28-07-2020

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	2.0~3.0	2.37	
Tensile Strength Rm(MPa)		≥490	596	Si	≤1.00	0.76	Cu	≤0.75	0.026	
Elongation A5 (%)		≥30	44.0	Mn	0.5~2.5	0.85	--	--	--	
Sharp V noch	Impact Temp (°C)	--	--	S	≤0.03	0.010	--	--	--	
	Av. Absorbed Energy (J)	--	--	P	≤0.04	0.023	--	--	--	
X-Ray		--	Complies	Cr	17.0~20.0	18.81	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	11.0~14.0	12.35	Fillet weld test of t-joint		Complies	
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				
				APPROVED BY LIAO YUGANG						