



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E316L	Norm AWS A 5.4	Brand Name Laren	Part # 6003601	Diameter 1/8" (3.2mm)	Lot No. 20160810	Manufactured Date Shown on Package	Date of Issue 2016 / 24 / 08
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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	
Yield Strength Rel(MPa)		--	--	C	≤ 0.4	0.026	Mo	2-3	2.21	
Tensile Strength Rm(MPa)		--	550	Si	≤ 0.9	0.30	V	≤ 0.75	0.04	
Elongation A5 (%)		--	37	Mn	0.5-2.5	0.85	Cu	--	--	
Sharp V noch	Impact Temp (°C)	--	--	S	≤ 0.03	0.008	A1	--	--	
	Av. Absorbed Energy (J)	--	--	P	≤ 0.04	0.026	Ti	--	--	
X-Ray		--	--	Cr	17-20	18.33	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	11-14	11.67	--	--	--	
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				
										