



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
AWS E316L-16	AWS 5.4	LAREN	6003601	3/32" (2.4MM)	20171106	SHOWN ON PACKAGE	2018 / 01 / 05

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	0.030	Mo	2.0~3.0	2.17	
Tensile Strength Rm(MPa)		490	540	Si	1.00	0.52	N	--	0.04	
Elongation A5 (%)		30	36	Mn	0.5~2.5	0.86	Cu	0.75	0.03	
Sharp V noch	Impact Temp (°C)	--	--	S	0.03	0.010	A1	--	--	
	Av. Absorbed Energy (J)	--	--	P	0.04	0.026	Ti	--	--	
X-Ray		--	--	Cr	17.0~20.0	18.55	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	11.0~14.0	12.01	--	--	--	
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				
										