



THE MOST RELIABLE WELDING®

# HOFFMAN ARC CO., LTD

## QUALITY CERTIFICATE OF WELDING CONSUMABLE

<b>Type</b> E309L-16	<b>Norm</b> AWS A5.1/A5.1M-2004	<b>Brand Name</b> Stabil	<b>Part #</b> 6003901	<b>Diameter</b> 3/32" (2.4mm)	<b>Lot No.</b> 183124H	<b>Manufactured Date</b> Shown on Package	<b>Date of Issue</b> 2019 / 01 / 31
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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	≤0.04	0.030	Mo	≤0.75	0.041	
Tensile Strength Rm(MPa)	≥520	578	Si	≤1.00	0.58	V	--	--	
Elongation A5 (%)	≥30	47.5	Mn	0.5~2.5	0.94	Cu	≤0.75	0.049	
Sharp V noch	Impact Temp (°C)	-30	S	≤0.03	0.0091	A1	--	--	
	Av. Absorbed Energy (J)	--	P	≤0.04	0.017	Ti	--	--	
X-Ray	I	I	Cr	22.0~25.0	23.99	--	--	--	
Hydrogen Content (ml/130g)	--	--	Ni	12.0~14.0	12.62	--	--	--	
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 

Inspection seal 