



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type AWS E309L-16	Norm AWS 5.4-2012	Brand Name STABIL	Part # 6003902	Diameter 1/8" (3.2MM)	Lot No. 20171106	Manufactured Date SHOWN ON PACKAGE	Date of Issue 2017 / 06 / 11		
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	0.022	
Tensile Strength Rm(MPa)	≥520	542	Si	≤ 1.00	0.58	V	--	--	
Elongation A5 (%)	≥30	48.5	Mn	0.5~2.5	1.00	Cu	≤ 0.75	0.061	
Sharp V noch	Impact Temp (°C)	--	S	≤ 0.03	0.0069	A1	--	--	
	Av. Absorbed Energy (J)	--	P	≤ 0.04	0.014	Ti	--	--	
X-Ray	I	I	Cr	22.0~25.0	23.76	--	--	--	
Hydogen Content (ml/130g)	--	--	Ni	12.0~14.0	13.45	--	--	--	
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				