



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E309L-16	Norm AWS A5.4-2012	Brand Name STABIL	Part # 6003901	Diameter 3/32" (2.4MM)	Lot No. 245177H	Manufactured Date Shown on Package	Date of Issue 27 / 03 / 2025
------------------	-----------------------	----------------------	-------------------	---------------------------	--------------------	---------------------------------------	---------------------------------

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	0.031	Mo	≤0.75	0.023	
Tensile Strength Rm(MPa)		≥520	549	Si	≤1.00	0.62	V	--	--	
Elongation A5 (%)		≥30	51.0	Mn	0.5~2.5	1.12	Cu	≤0.75	0.015	
Impact Test	Impact Temp (°C)	--	--	S	≤0.03	0.0031	Fe	--	--	
	Av. Absorbed Energy (J)	--	--	P	≤0.04	0.011	Ti	--	--	
X-Ray		--	Complies	Cr	22.0~25.0	23.88	--	--	--	
Ferrite Number (FN)		--	12.8	Ni	12.0~14.0	12.61	Fillet weld test of T-joint		Passed	
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				