



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 # 6003902	Diameter 1/8"(3.2MM)	Lot No. 213314H	Manufactured Date Shown on Package	Date of Issue 2022 / 04 / 06		
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	0.034	Mo	≤0.75	0.14	
Tensile Strength Rm(MPa)	≥520	540	Si	≤1.00	0.59	V	--	--	
Elongation A5 (%)	≥30	52.0	Mn	0.5~2.5	1.01	Cu	≤0.75	0.065	
Sharp V noch	Impact Temp (°C)	--	S	≤0.03	0.0056	Fe	--	--	
	Av. Absorbed Energy (J)	--	P	≤0.04	0.018	Ti	--	--	
X-Ray	I	I	Cr	22.0~25.0	23.71	--	--	--	
Ferrite Number (FN)	--	12.7	Ni	12.0~14.0	13.13	Fillet weld test of T-joint		Complies	
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	APPROVED BY LIAO YUGANG		Inspection seal		