



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. 223066H	Manufactured Date Shown on Package	Date of Issue 2022 / 05 / 19
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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	0.024	Mo	≤0.75	0.023	
Tensile Strength Rm(MPa)	≥520	558	Si	≤1.00	0.62	V	--	--	
Elongation A5 (%)	≥30	45.0	Mn	0.5~2.5	1.03	Cu	≤0.75	0.0093	
Sharp V noch	Impact Temp (°C)	--	S	≤0.03	0.0051	Fe	--	--	
	Av. Absorbed Energy (J)	--	P	≤0.04	0.012	Ti	--	--	
X-Ray	Required	Complies	Cr	22.0~25.0	23.63	--	--	--	
Ferrite Number (FN)	--	12.9	Ni	12.0~14.0	12.71	Fillet weld test of T-joint		Complies	
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

APPROVED
BY LIAO
YUGANG

Inspection seal

