



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type	Norm	Brand Name	Part #	Diameter	Lot No.	Manufactured Date	Date of Issue
E309L	AWS A 5.4	Stabil	6003902	1/8" (3.2mm)	20170316	Shown on Package	2017 / 14 / 07

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	≤ 0.4	0.034	Mo	≤ 0.75	0.11	
Tensile Strength Rm(MPa)		--	590	Si	≤ 0.9	0.77	Cu	≤ 0.75	0.06	
Elongation A5 (%)		--	34	Mn	0.5-2.5	0.97	N	--	0.054	
Sharp V noch	Impact Temp (°C)	--	--	S	≤ 0.03	0.005	--	--	--	
	Av. Absorbed Energy (J)	--	--	P	≤ 0.04	0.027	--	--	--	
X-Ray		--	--	Cr	18-21	19.69	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	12-14	12.58	--	--	--	
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				