



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type ENi-CI	Norm ASME SFA 5.15-07 / AWS A 5.15-90	Brand Name ALPHEN	Part # 6009902	Diameter 1/8" (3.2mm)	Lot No. 06-0521	Manufactured Date Shown on Package	Date of Issue 01 - 07 - 2021		
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	Max. 2.0	0.990	Fe	Max. 8.0	5.090
Tensile Strength Rm(MPa)		--	--	Si	Max. 4.0	0.950	Al	Max. 1.0	0.010
Elongation A5 (%)		--	--	Mn	Max. 2.5	0.410	Cr	--	0.000
Sharp V noch	Impact Temp (°C)	--	--	S	Max. 0.03	0.000	Mo	--	0.000
	Av. Absorbed Energy (J)	--	--	P	--	0.000	--	--	--
X-Ray		--	--	Cu	Max. 2.5	0.080	--	--	--
Typical moisture of the covering		--	0.16%	Ni	Min.. 85	92.950	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 Inspection seal					