



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type ENi-CI	Norm AWS A5.15-90 ASME SFA 5.15-07	Brand Name Alphen	Part # 6009902	Diameter 1/8" (3.2MM)	Lot No. 19-1219	Manufactured Date Shown on Package	Date of Issue 11 / 02 / 2020
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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	Max. 2.0	0.850	Fe	Max. 8.0	4.920	
Tensile Strength Rm(MPa)		--	--	Si	Max. 4.0	1.030	Al	Max. 1.0	0.000	
Elongation A5 (%)		--	--	Mn	Max. 2.5	0.170	Cr	--	0.000	
Sharp V noch	Impact Temp (°C)	--	--	S	Max. 0.03	0.000	--	--	--	
	Av. Absorbed Energy (J)	--	--	P	--	0.000	--	--	--	
X-Ray		--	--	Cu	Max. 2.5	0.000	--	--	--	
Typical moisture of the covering		--	0.16%	Ni	Min. 85	93.470	--	--	--	
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				