



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
ENi-CI	ASME SFA 5.15-07 / AWS A 5.15-90	Alphen	6009901	3/32" (2.4mm)	11-0521	Shown on Package	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	0.950	Fe	Max. 8.0	5.160	
Tensile Strength Rm(MPa)		--	--	Si	Max. 4.0	1.090	Al	Max. 1.0	0.000	
Elongation A5 (%)		--	--	Mn	Max. 2.5	0.270	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	2.5	0.080	--	--	--	
Typical moisture of the covering		--	0.16%	Ni	Min. 85	93.200	Fillet weld test of T-Joint		--	
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				