



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" (3.2 MM)	Lot No. 140524	Manufactured Date SHOWN ON PACKAGE	Date of Issue 20 / 08 / 2024
----------------	---	----------------------	-------------------	---------------------------	-------------------	---------------------------------------	---------------------------------

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	1.400	Mo	--	0.000	
Tensile Strength Rm(MPa)		--	--	Si	MAX. 4.0	1.070	Cu	MAX. 2.5	0.100	
Elongation A5 (%)		--	--	Mn	MAX. 2.5	0.670	Cr	--	0.000	
Sharp V noch	Impact Temp (°C)	--	--	S	MAX. 0.03	0.010	P	--	0.000	
	Av. Absorbed Energy (J)	--	--	Al	MAX. 1.0	0.020	--	--	--	
X-Ray		--	--	Fe	MAX. 8.0	5.100	--	--	--	
Typical moisture of the covering		--	0.16%	Ni	MIN. 85	92.230	--	--	--	
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				
				APPROVED BY LIAO YUGANG		HoffmanArc®				