



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
ENIFE-CI	AWS A 5.15-90 ASME SFA 5.15-07	ALPHEN 60	6009905	1/8" (3.2MM)	050423	SHOWN ON PACKAGE	02-05-2023

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	0.490	Mo	--	0.000	
Tensile Strength Rm(MPa)		--	--	Si	MAX. 4.0	1.230	Cu	MAX. 2.5	0.060	
Elongation A5 (%)		--	--	Mn	MAX. 2.5	0.780	--	--	--	
Sharp V noch	Impact Temp (°C)	--	--	S	MAX. 0.03	0.010	--	--	--	
	Av. Absorbed Energy (J)	--	--	Al	MAX. 1.0	0.000	--	--	--	
X-Ray		--	--	Fe	Remainder	38.510	--	--	--	
Typical moisture of the covering		--	0.08%	Ni	45-60	58.930	--	--	--	
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				