



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
Nickel 99 1/8	A5.15-90 / SFA 5.15-07	Alphen	6009902	1/8" (3.2mm)	29 1017	Shown on Package	15 / 01/ 2018

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	--	.910	Fe	--	5.020	
Tensile Strength Rm(MPa)		--	--	Si	--	1.060	Al	--	0.000	
Elongation A5 (%)		--	--	Mn	--	.180	-	--	--	
Sharp V noch	Impact Temp (°C)	--	0.16%	S	--	.030	--	--	--	
	Av. Absorbed Energy (J)	--	--	P	--	0.016	--	--	--	
X-Ray		--	--	Cr	--	0.000	--	--	--	
Hydrogen Content (ml/130g)		--	--	Ni	--	93.270	--	--	--	
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				
										