



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E6013	Norm AWS A5. 1-2012	Brand Name STARK	Part # 6001301	Diameter 3/32" (2.4MM)	Lot No. 241410	Manufactured Date Shown on Package	Date of Issue 19 / 06 / 2024
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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
Tensile Test	Yield Strength Rel(MPa)	≥330	368	C	≤0.20	0.088	Mo	≤0.30	0.0039
	Tensile Strength Rm(MPa)	≥430	485	Si	≤1.0	0.26	V	≤0.08	0.0075
	Elongation A5 (%)	≥17	30.0	Mn	≤1.20	0.35	--	--	--
Impact Test	Impact Temp (°C)	--	--	S	--	0.0079	--	--	--
	Impact Absorbed Energy (J)	--	81 83 90	P	--	0.029	--	--	--
X-Ray		--	Complies	Cr	≤0.20	0.046	--	--	--
Hydrogen Content (ml/100g)		--	--	Ni	≤0.30	0.017	Fillet weld test of t-joint		Passed
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					