



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" (2.5MM)		Lot No. 241416		Manufactured Date Shown on Package		Date of Issue 18 / 09 / 2024	
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	369	C	≤0.20	0.099	Mo	≤0.30	0.0039						
	Tensile Strength Rm(MPa)	≥430	484	Si	≤1.0	0.26	V	≤0.08	0.011						
	Elongation A5 (%)	≥17	27.0	Mn	≤1.20	0.38	--	--	--						
Impact Test	Impact Temp (°C)	--	--	S	--	0.014	--	--	--						
	Impact Absorbed Energy (J)	--	79 85 86	P	--	0.026	--	--	--						
X-Ray		--	Complies	Cr	≤0.20	0.077	--	--	--						
Hydrogen Content (ml/100g)		--	--	Ni	≤0.30	0.038	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								
															