



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E6013	Norm AWS A5.1 / A5.1M-2012	Brand Name STARK	Part # 6001301	Diameter 3/32" (2.4MM)	Lot No. 201423	Manufactured Date Shown on Package	Date of Issue 23 - 04 - 2020
----------------------	--------------------------------------	----------------------------	--------------------------	----------------------------------	--------------------------	--	--

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	387	C	≤0.20	0.066	Mo	≤0.30	0.0035	
	Tensile Strength Rm(MPa)	≥430	484	Si	≤1.00	0.17	V	≤0.08	0.0064	
	Elongation A5 (%)	≥17	25.0	Mn	≤1.20	0.23	--	--	--	
Impact Test	Impact Temp (°C)	--	--	S	--	0.0071	--	--	--	
	Impact Absorbed Energy (J)	--	83 81 85	P	--	0.022	--	--	--	
X-Ray		II	Complies	Cr	≤0.20	0.037	--	--	--	
Hydrogen Content (ml/100g)		--	--	Ni	≤0.30	0.037	Fillet weld test of t-joint		Complies	
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

