



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E7010	Norm AWS A N/A	Brand Name WISSEN	Part # 6007002	Diameter 1/8" (3.2MM)	Lot No. 20-30014	Manufactured Date Shown on Package	Date of Issue 2020 - 09 -16
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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	
Yield Strength Rel(MPa)	Min.400	420	C	Max.0.20	0.068	Mo	Max.0.30	0.19	
Tensile Strength Rm(MPa)	490-650	502	Si	Max.0.90	0.068	V	Max.0.08	0.0043	
Elongation A5 (%)	Min.20	21.0	Mn	Max.1.25	0.40	Cu	--	--	
Impact Test	Impact Temp (°C)	-30	-30	S	Max.0.035	0.013	A1	--	--
	Av. Absorbed Energy (J)	Min.27	88 85 106	P	Max.0.035	0.018	Ti	--	--
X-Ray	II	Complies	Cr	Max.0.20	0.039	--	--	--	
Hydrogen Content (ml/130g)	--	6.9	Ni	Max.0.30	0.040	Fillet weld test of T-joint		Complies	
Approved Classification Grade	GCS (--)	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

APPROVED
BY LIAO
YUGANG

Inspection seal

