



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
E7010-A1	AWS A5.4-2012	E7010-A1	6007013	5/32" (4.0MM)	215197	Shown on Package	2022 / 03 / 18

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)	≥390	402	C	≤0.12	0.12	Mo	0.40～0.65	0.44
	Tensile Strength Rm(MPa)	≥490	517	Si	≤0.40	0.088	V	--	--
	Elongation A5 (%)	≥22	30.5	Mn	≤0.60	0.34	--	--	--
Impact Test	Impact Temp (°C)	--	--	S	≤0.03	0.0054	--	--	--
	Impact Absorbed Energy (J)	--	--	P	≤0.03	0.0085	--	--	--
X-Ray		Required	Complies	Cr	--	--	--	--	--
Moisture Test		≤0.4	0.08	Ni	--	--	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

APPROVED
BY LIAO
YUGANG

Inspection seal

