HoffmanArc®

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
E6010	AWS A5.1/A5.1M-2004	Bauen	6001003	5/32" (4.0mm)	18-383	Shown on Package	2018 / 05 / 28

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. 330	387	C	Max. 0.2	0.059	Mo	Max. 0.3	0.0010
Tensile Strength Rm(MPa)		Min. 430	452	Si	Max. 1	0.083	V	Max. 0.08	0.0066
Elongation A5 (%)		Min. 22	26.5	Mn	Max. 1.2	0.45	Cu	--	--
Sharp V noch	Impact Temp (°C)	-30	-30	S	Max. 0.035	0.014	A1	--	--
	Av. Absorbed Energy (J)	Min. 27	86 45 31	P	Max. 0.04	0.019	Ti	--	--
X-Ray		--	--	Cr	Max. 0.2	0.026	--	--	--
Hydrogen Content (ml/130g)		--	--	Ni	Max. 0.3	0.0023	--	--	--
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

THE MOST RELIABLE WELDING HoffmanArc® THE MOST RELIABLE WELDING