



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
AWS E6010	AWS A5.1/A5.1M-2012	BAUEN	6001001	3/32" (2.4MM)	20-307	SHOWN ON PACKAGE	2020-04-20

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	380	C	Max. 0.20	0.083	Mo	Max. 0.30	0.0028
Tensile Strength Rm(MPa)		Min. 430	495	Si	Max. 1.00	0.085	V	Max. 0.080	0.0040
Elongation A5 (%)		Min. 22	24.5	Mn	Max. 1.20	0.29	Cu	--	--
Impact Test	Impact Temp (°C)	-30	-30	S	Max. 0.035	0.017	Al	--	--
	Impact Absorbed Energy (J)	Min. 27	88 76 65	P	Max. 0.040	0.018	Ti	--	--
X-Ray		II	Complies	Cr	Max. 0.20	0.041	--	--	--
Hydrogen Content (ml/100g)		--	6.23	Ni	Max. 0.30	0.018	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

