



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E6010	Norm AWS A5.1/A5.1M-2004	Brand Name Bauen	Part # 6001003	Diameter 5/32" (4.0mm)	Lot No. 18-3104	Manufactured Date Shown on Package	Date of Issue 2018 / 09 / 03
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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. 330	372	C	Max. 0.2	0.054	Mo	Max. 0.3	0.023	
Tensile Strength Rm(MPa)	Min. 430	443	Si	Max. 1	0.19	V	Max. 0.08	0.016	
Elongation A5 (%)	Min. 22	31.0	Mn	Max. 1.2	0.35	Cu	--	--	
Sharp V noch	Impact Temp (°C)	-30	-30	S	Max. 0.035	0.019	A1	--	--
	Av. Absorbed Energy (J)	Min. 27	47 39 34	P	Max. 0.04	0.017	Ti	--	--
X-Ray	--	--	Cr	Max. 0.2	0.015	--	--	--	
Hydrogen Content (ml/130g)	--	--	Ni	Max. 0.3	0.042	--	--	--	
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

