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
AWS ER4043	AWS A5.10/A5.10M ASME SFA-5.10/SFA-5.10M	KENNER	6004302	3/32" (2.4mm)	CY2527-24T	SHOWN ON PACKAGE	11 / 10 / 2025

Mechanical Properties of Deposited Metal

Item		Requirement	Actual Result
Yield Strength Rel(MPa)		--	80
Tensile Strength Rm(MPa)		Min. 165	175
Elongation A(%)		--	11.73
Impact Test	Impact Temp (℃)	--	--
	Impact Absorbed Energy (J)	--	--
X-Ray		--	--
Hidrogen Content (ml/100g)		--	--
Approved Classification Grade		CCS (--)	LR (--)

Chemical Composition of Deposited Metal (%)

Element	Requirement	Actual Result
Fe	Max. 0.8	0.128
Si	4.5-6.0	5.06
Mn	Max. 0.05	0.0005
Mg	Max. 0.05	0.0055
Zn	Max. 0.10	0.001
Be	Max. 0.0003	0.0002
Cu	Max. 0.30	0.0033
Approved Classification Grade	GL (--)	NK (--)

Element	Requirement	Actual Result
Ti	Max. 0.20	0.024
Al	Remainder	
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Fillet weld test of T-joint		--
Approved Classification Grade	ABS (--)	BV (--)

Approved Classification Grade	
Approved Classification Grade	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

HoffmanArc