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 E309L-16	AWS A5.4-2012	STABIL	6003902	1/8" (3.2mm)	254840H	SHOWN ON PACKAGE	06 / 08 / 2026

Mechanical Properties of Deposited Metal

Item		Requirement	Actual Result
Yield Strength Rel(MPa)		--	--
Tensile Strength Rm(MPa)		≥520	559
Elongation A5 (%)		≥30	45.0
Impact Test	Impact Temp (℃)	--	--
	Impact Absorbed Energy (J)	--	--
X-Ray		--	Passed
Ferrite Number (FN)		--	13.3

Chemical Composition of Deposited Metal (%)

Element	Requirement	Actual Result	Element	Requirement	Actual Result
C	≤0.04	0.020	Mo	≤0.75	0.020
Si	≤1.00	0.64	Cu	≤0.75	0.029
Mn	0.5-2.5	1.08	V	--	--
S	≤0.03	0.0061	Ti	--	--
P	≤0.04	0.013	Al	--	--
Cr	22.0-25.0	24.01	--	--	--
Ni	12.0-14.0	13.21	Fillet weld test of T-joint		Passed

Approved Classification Grade								
CCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--)	RINA (--)

This is to certify that the welding consumable conform with the standard

Signature 廖宇刚

Inspection seal