



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Brand Name	Type	Diameter	Lot No.	Comply with Standards	Manufactured Date	Date of Issue
AWS E7018	6001801	3/32	16-1340	EQUIVALENT TO AWS A5.1/A5.1M-2004	Shown on Package	29 / 11 / 2016

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)	--	--	C	≤ 0.15	0.078	Mo	≤ 0.30	0.0077
Tensile Strength Rm(MPa)	--	--	Si	≤ 0.75	0.57	V	≤ 0.08	0.0090
Elongation A5 [%]	--	--	Mn	≤ 1.60	1.26	Cu	--	--
Sharp V noch	Impact Temp (°C)	--	S	≤ 0.035	0.0095	Al	--	--
	Av. Absorbed Energy (J)	--	P	≤ 0.035	0.017	Ti	--	--
X-Ray	--	--	Cr	≤ 0.20	0.046	--	--	--
Hydrogen Content (ml/100g)	--	--	Ni	≤ 0.30	0.043	--	--	--
Approved Classification Grade	CCS (--)	LR (--)	GL (--)	NK (--)	ABS (--)	BV (--)	DNV (--)	KR (--) RINA (--)

Add: 10025 NW 116th Way, Suite 17 MEDLEY, FLORIDA
ZIP Code: 33178
Tel No.: 305 - 4205099

This is to certify that the welding consumable conform with the standard
Signature
Inspection seal

