



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type E4043	Norm ASME SFA 5.3-07 AWS A 5.3-99	Brand Name BADEN	Part # 60040432	Diameter 1/8" (3.2MM)	Lot No. 26-0320	Manufactured Date Shown on Package	Date of Issue 08-06-2020
----------------------	--	----------------------------	---------------------------	---------------------------------	---------------------------	--	------------------------------------

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)		--	--	Fe	Max. 0.8	0.190	Ti	Max. 0.20	0.000	
Tensile Strength Rm(MPa)		--	--	Si	4.5-6.0	4.910	Al	Remainder	94.86	
Elongation A5 (%)		--	--	Mn	Max. 0.05	0.000	--	--	--	
Sharp V noch	Impact Temp (°C)	--	--	Mg	Max. 0.05	0.010	--	--	--	
	Av. Absorbed Energy (J)	--	--	Zn	Max. 0.10	0.010	--	--	--	
X-Ray		--	--	Be	Max. 0.0008	0.0001	--	--	--	
Typical moisture of the covering		--	0.27 %	Cu	Max. 0.30	0.020	--	--	--	
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		Inspection seal				