



INSPECTION CERTIFICATE According to EN 10204 3.1

NO. 890000332622

GB/T 19001-2016/ISO 9001:2015

Commodity	Trade Model	GB Model	AWS Model	ISO Model ISO		Size	Batch No.		
	JQ.MG50-6	G49A4UC1S6 (ER50-6)	ER70S-6			1.0(15KG)	23052871		
Execute Standard			GB/T 8110-2020 AWS A5.18 EN ISO 14341-A-G 42 4 M21/C1 3Si1						
Chemical Composition of Welding Wires(%)			Mechanical Properties of Deposited Metal			Others			
Items	Requirement	Test Result	Items		Requirement	Test Result	Items	Requirement	Test Result
C	0.06—0.14	0.073	Tensile		520—640	551	Radiographic Inspection	II	I
S	≤0.025	0.013	StrengthRm(MPa)						
Mn	1.40—1.60	1.47	Yield Strength		≥420	441			
Si	0.80—1.00	0.85	ReL Rp0.2(MPa)						
P	≤0.025	0.012	Percentage Elongation after						
Cr	≤0.15	0.020	Fracture		≥22.0	27.0			
Ni	≤0.15	0.010	A (%)						
Mo	≤0.15	0.004	V-notch Impact Test	Impact Temp.	-40	-40			
Cu	≤0.35	0.10		Absorbed	≥47	73、76、83			
V	≤0.03	0.001	EnergyKV ₂ (J)						
Al	≤0.02	0.005							
Ti+Zr	≤0.15	0.003							
Approved by			CCS、LR、BV、ABS、DNV、NK、KR、RS TÜV、DB、CE			WE HEREBY CERTIFY THAT THIS REPORT IS CORRECT AND THAT ALL TEST RESULTS ARE IN COMPLIANCE WITH THE SPECIFICATION DESCRIBED HEREIN. THE MANUFACTURING PROCESS OF OUR PRODUCT IS IN ACCORDANCE WITH THE CERTIFICATION CONDITION. WE ARE RESPONSIBLE FOR THE QUALITY OF OUR PRODUCTS.			
Remarks			Complied with CCS 《Rules for Materials and Welding》 CCS RS(Letter No.266-381-03-267813;Certificate No. 19.10448.266;Issued on 20.09.2019valid until 20.09.2024)			QUALITY ASSURANCE DEPARTMENT			
			OUD: 81012043 EN10204 3.1						

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