



INSPECTION CERTIFICATE According to EN 10204 3.1

NO. 890000329245

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)	23032941	
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 StrengthRm (MPa)	520—640	556	Radiographic Inspection	II	I
S	≤0.025	0.009						
Mn	1.40—1.60	1.45						
Si	0.80—1.00	0.86	Yield Strength ReL Rp0.2 (MPa)	≥420	447			
P	≤0.025	0.008	Percentage Elongation after Fracture (%)	≥22.0	26.5			
Cr	≤0.15	0.032						
Ni	≤0.15	0.014	V-notch Impact Test	Impact Temp. (°C)	-40	-40		
Mo	≤0.15	0.005		Absorbed EnergyKV ₂ (J)	≥47		72、75、81	
Cu	≤0.35	0.12						
V	≤0.03	0.001						
Al	≤0.02	0.006						
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. 2023 05 08		
Remarks				Complied with CCS 《Rules for Materials and Welding》 CCS EN 10204 3.1 RS(Letter No.266-381-03-267813;Certificate No. 19.10448.266;Issued on 20.09.2019valid until 20.09.2024)				
				OUD: 80994340 EN10204 3.1		QUALITY ASSURANCE DEPARTMENT		

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