



INSPECTION CERTIFICATE

According to EN 10204 3.1

NO.202112810-1
GB/T 19001-2008-ISO9001:2008

Commodity		Trade Model		GB model		AWS Model		ISO model(ISO)		Size	Batch No.	
WELDING WIRE		XCJ50-6 (SG2)		ER50-6		ER70S-6		14341-A-G 42 4M21 3Si1		1.0	2111910	
Execute Standard			GB/T 8110-2008 AWS A 5.18 ISO 14341-A-G424C13Si1									
Chemical Composition of Welding Wires (%)			Mechanical Properties of Deposited Metals					Others				
Items	Requirement	Test Result	Items	Requirement	Test Result	Items	Requirement	Test Result	Items	Requirement	Test Result	
C	0.06-0.14	0.069	Yield Strength Rp0.2(N/mm)	420-640	460	Radiographic Inspection	II	I				
S	≤0.025	0.015										
Mn	1.40-1.60	1.510	Tensile Strength Rm(N/mm)	≥420	558							
Si	0.80-1.00	0.900										
P	≤0.025	0.014										
Cr	≤0.15	0.019	Percentage Elongation after Fracture A (%)	≥22.0	28							
Ni	≤0.15	0.090										
Mo	≤0.15	0.001										
V	≤0.03	0.002	V-notch Impact Test V	Impact Temp. (°C)	-40							-40
Al	≤0.02	0.001		Absorbed Energy KV2(J)	≥47							69
Ti+Zr	≤0.15	0.002										
Cu	≤0.35	0.160										
Approved by		NAKS,LR,TUV,DB,CE,ISO,ABS					WE HEREBY CERTIFY THAT THIS REPORT IS CORRECT AND THAT ALL TEST RESULTS ARE IN COMPLIANCE WITH THE SPECIFICATION DESCRBRD HEREIN.THE MANUFACTURING PROCESS OF OUR PRODUCTIS 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 The quality is in accordance with EN10204 type3.1 OUD:80610189										
							2021/11/28 QUALITY ASSURANCE DEPARTEMENT					