



金桥焊材®

产品质量证明书

NO. 890000406386

GB/T 19001-2016/ISO 9001:2015

TIANJIN GOLDEN BRIDGE WELDING MATERIALS GROUP CO., LTD.
天津市金桥焊材集团股份有限公司

MILL CERTIFICATE

Commodity 品名	Trade Model 牌号	GB Model 国标型号	AWS Model 美标型号	ISO Model ISO型号	Size 规格	Batch No. 批号			
气保护实心焊丝	JQ-MG50-6	G49A4UC1S6 (ER50-6)	ER70S-6	EN ISO 14341-A-G 42 4 M21/C1 3S11	1.0(15KG)	25102843			
Execute Standard 执行标准			GB/T 8110-2020及AWS A5.18及EN ISO 14341-A-G 42 4 M21/C1 3S11						
Chemical Composition of Welding Wires 焊丝化学成分 (%)			Mechanical Properties of Deposited Metal 熔敷金属力学性能						
Items 项目	Requirement 标准要求	Test Result 实测值	Items 项目	Requirement 标准要求	Test Result 实测值	Items 项目	Requirement 标准要求	Test Result 实测值	
C	0.06—0.14	0.076	Tensile Strength 抗拉强度Rm (MPa)	520—640	542	Radiographic Inspection 焊缝射线探伤	II级	I级	
S	≤0.025	0.014	Yield Strength 屈服强度Rel或Rp0.2 (MPa)	≥420	433				
Mn	1.40—1.60	1.47	Percentage Elongation after Fracture 伸长率A (%)	≥22.0	28.5	Others 其他			
Si	0.80—1.00	0.85	V-notch Impact Test 冲击温度(°C)	-40	-40				
P	≤0.025	0.012	V-notch Impact Test Absorbed Energy V型缺口冲击吸收能量KV ₂ (J)	≥47	68、79、82				
Cr	≤0.15	0.037							
Ni	≤0.15	0.018							
Mo	≤0.15	0.006							
V	≤0.03	0.001							
Cu	≤0.35	0.10							
Al	≤0.02	0.009							
Ti+Zr	≤0.15	0.004							
Approved by 产品认证			CCS, LR, BV, ABS, DNV, NK, KR, RS及德国TUV, DB, CE				We hereby certify that this report is correct and that all test results are in accordance 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 备注			Complied with CCS 《Rules for Materials and Welding》 满足CCS《材料与焊接规范》RS(Letter No.266-221-03-155274;Certificate No. 24.44.01.0 3386;266;Issued on 29.10.2024)valid until 29.10.2029)				兹证明此报告所载实测结果皆正确并符合适用规范要求。产品的生产过程与标准保持一致。我们对该产品质量负责。		

制表:任玉双
审核日期:2025年10月21日

审核:张秋彦

QUALITY ASSURANCE DEPARTMENT
质量保障部



Add: No.1, LiuJing Road, Dongli Development Area, Tianjin, China
地址: 中国天津市东丽开发区六经路1号 website:www.tjgoldenbridge.com

电话:022-58296666 Tel:0086-22-24997375 邮编 (Post Code): 300300
电子邮箱:market@tjgoldenbridge.com E-Mail:export@tjgoldenbridge.com