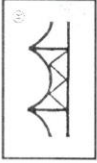


TIANJIN GOLDEN BRIDGE WELDING MATERIALS GROUP CO., LTD
天津市金桥焊材集团有限公司



金桥焊材

MILL CERTIFICATE
产品质量证明书

NO. 890000221036

GB/T 19001-2016/ISO 9001:2015

Commodity Name 碳钢焊条	Trade Model 牌号 J38.12 (J421)	GB Model 国标型号 E4313	AWS Model 美标型号 E6013	ISO Model ISO型号 ISO 2560-A-E 35 0 R 12	Size 规格 4.0	Batch No. 批号 18081338
Execute Standard 执行标准 GB/T 5117-2012及AWS A5.1及ISO 2560						
Chemical Composition of Deposited Metal 熔敷金属化学成分(%)						
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
C	≤0.20	0.075	Tensile Strength 抗拉强度 R_m (N/mm ²)	≥430	492	Fillet 角焊缝
S	≤0.035	0.017	Yield Strength 屈服强度 R_{el} (N/mm ²)	≥330	410	Radiographic Inspection 焊缝射线探伤
Mn	≤1.20	0.40		≥17.0	29.0	
Si	≤1.00	0.17	Percentage Elongation after Fracture 伸长率A (%)	0	0	
P	≤0.040	0.023	V-notch Impact Test V型缺口冲击试验	≥47	89、92、88	
Cr	≤0.20	0.023				Absorbed Energy 吸收能量KV ₂ (J)
Ni	≤0.30	0.009				
Mo	≤0.30	0.007				
V	≤0.08	0.006				
Others 其他						
Approved by 产品认证						
Remarks 备注						

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.

兹证明此报告所载实测结果皆正确并符合适用规范要求。产品的生产制造过程与就可责任认证，我们承诺对该产品质量负责。

尹秋梅

审核: 尹秋梅

制表日期: 2018年10月17日

QUALITY ASSURANCE DEPARTMENT
质量保障部

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