

材料质量证明书
Material Test Certificate
(EN 10204 3.1)

Customer	JC Manufacturing Group (Shanghai) Co., Ltd.			Material	17-4PH (H1150D)		Melting process:	Elektro-Ofen, electric furnace				Diamter of test bar/test temp:	12.5±0.1mm/Room temp												
Specification	A564/A 564M-2019a			Delivery condition	成品 Finished product		product type	棒料 Bar Stock				Cert.No.	JC-250217-3												
采购订单号 PO NO	炉号 Heat No	零件名称 Part Name	产品编号 Component Code	图号 Drawing No	规格 Spec	数量 Qty	Source of chemical composition: Tensile bars								机械性能 MECHANICAL PROPERTIES										
							化学成分 Chemical Composition (%)								ASTM A370-2024										
							C	Si	Mn	P	S	Cr	Ni	Cu	Nb+Ta			T.S. (Mpa)	Rp0.2	EL. (%)	R.A. (%)	Hardness (HBW)	Impact Test (20-25°C)41J		
							≤0.07	≤1.00	≤1.00	≤0.04	≤0.03	15.0-17.5	3.0-5.0	3.0-5.0	0.15-0.45			≥860	≥725	≥16	≥50	255-311	10*10*55mm		
001	KF-B-002674	阀杆 STEM	60902502004PH	6090TB250E Rev.1	114*338	3	0.040	0.450	0.520	0.031	0.004	15.700	3.780	3.400	0.210			895	748	23	66	280	120	116	118
热处理 Heat Treatment	处理方法 Method			热处理批次 Heat Treatment Batch No.		炉子类型 Furnace Type	升温温度 摄氏度 Temp. (°C)	保温时间, 小时 Holding Time, Hours	冷却方法 Cooling method	方法 Method			报告编号 Refer. No.	结论 Result											
	√	固溶Solid Solution		230313-6-1		罩式电阻炉 Bell Type Furnace	1050°C	5h30mins	水冷 water cool	VT	√	目测VT	-	Pass											
	√	时效 Aging				罩式电阻炉 Bell Type Furnace	620°C	4h	空冷 Air cooling	无损检测 NDE	√	PT REPORT	PT-250205-3	Pass											
	√	时效 Aging				罩式电阻炉 Bell Type Furnace	620°C	4h	空冷 Air cooling	Corrosion Test															
1: We hereby confirm that the material was manufactured, sampled, tested and inspected in accordance with the material specification and customer requirements.							5: Grain size is class 8 according to ASTM E112.																		
2: According the material meets customer requirements or specification PS04 I1Rev.9;							6: According material meets material standard;																		
3: The material fulfills NACE MR-0175 and MR0103 standard requirements.							7: The material is free from radioactive contamination																		
4: The product fulfill the visual examination criteria of MSS SP-55.							8: The QM-system fulfills Pressure Equipment Directive 2014/68/EU and ISO9001:2015																		
9: Some other special requirement: /																									
检验员 Inspector	刘钰 Liu Yu			批准 (质量经理) Approved by (QA/QC Manager)			张涛 Zhang Tao 质量专用章 日期 Date			2025.02.17															

