



产品质量证明书 MILL TEST CERTIFICATE																									
订货单位 CUSTOMER												形式发票 PROFORMA INVOICE NO.		UPRU250909-SC2970		证书号 CERTIFICATE NO.		UP/MTC250922							
产品名称 DESCRIPTION OF PRODUCT		HIGH STRENGTH STEEL PLATE										订单编码 PURCHASE ORDER NO.		/		日期 DATE		2025/9/22							
牌号 GRADE		Q690E & Q690D										交货状态 DELIVERY STATUS		Q&T		产品技术标准 PRODUCT STANDARD		GB/T 16270-2019 Q/EGJX 017-2023							
序号 NO.	钢号 STEEL GRADE	炉号 HEAT NO.	批号 LOT NO.	原产钢厂 MILL	规格 重量 MATERIAL DESCRIPTION				化学成分 (熔炼分享) % CHEMICAL COMPOSITION (HEAT ANALYSIS) %																
					SPEC SIZE (MM)			件数 PCS	重量 WEIGHT	C	Si	Mn	P	S	Alt	Nb	Ti	V	Ni	Cu	Mo	B	CEV	Cr	Als
					厚度 THICK	宽度 WIDTH	长度 LENGTH	PCS	MTS																
6	Q690E	L24618208105	UP2970-06	WUYANG	40*2200*6000			1	4.145	0.17	0.26	1.47	0.015	0.0016	0.027	0.038	0.011	0.004	0.040	0.020	0.007	0.0013	0.49	0.37	/
7	Q690E	L24413134202	UP2970-07	WUYANG	20*2200*6000			1	2.073	0.17	0.29	1.46	0.013	0.0019	0.037	0.016	0.015	0.004	0.020	0.020	0.007	0.0019	0.46	0.22	/
8	Q690E	L24618182101	UP2970-08	WUYANG	25*2200*6000			1	2.591	0.17	0.27	1.45	0.011	0.0019	0.032	0.036	0.012	0.003	0.010	0.020	0.002	0.0013	0.47	0.29	/
9	Q690D	3515340301	UP2970-09	LAIGANG	16*2000*6000			14	21.112	0.140	0.24	1.37	0.012	0.0030	/	0.018	0.015	0.003	0.01	0.02	0.104	0.0016	0.44	0.26	0.030
10	Q690D	3515344101	UP2970-10	LAIGANG						0.140	0.24	1.37	0.012	0.0030	/	0.018	0.015	0.003	0.01	0.02	0.104	0.0016	0.44	0.26	0.030
11	Q690D	3515351301	UP2970-11	LAIGANG						0.140	0.24	1.37	0.012	0.0030	/	0.018	0.015	0.003	0.01	0.02	0.104	0.0016	0.44	0.26	0.030
12	Q690D	P240511494101	UP2970-12	ECHENG	16*2000*6000			6	9.048	0.150	0.26	1.27	0.016	0.0030	/	/	0.010	/	/	/	/	0.0013	0.44	0.35	0.024
13	Q690D	P240511495301	UP2970-13	ECHENG						0.150	0.26	1.27	0.016	0.0030	/	/	0.010	/	/	/	/	/	0.0013	0.44	0.35
合计 (TOTAL)							23	38.969																	
序号 NO.	炉号 HEAT NO.	批号 LOT NO.	拉伸试验 TENSILE TEST				冲击测试 IMPACT TEST			折弯测试 BEND TEST	超声波探伤 ULTRASONIC TEST	渗透测试 PENETRANT TEST	液压测试 HYDROSTATIC TEST	晶间腐蚀 INTERGRANULAR CORROSION TEST											
			屈服强度 (Y.S.) Rp0.2	抗拉强度 (T.S.) Rm	伸长率 ELONGATION EL	硬度 HARDNESS HBW	DIRECTION *3	TEMPERATURE °C	KV2 J*8 FA% *7																
			Mpa		A(%)																				
6	L24618208105	UP2970-06	822	866	15.5	/	*6	-40	84.9	/	LEVEL 1 PASS														
7	L24413134202	UP2970-07	803	839	15.5	/	*2	-40	64.2	/	LEVEL 1 PASS														
8	L24618182101	UP2970-08	825	856	16.0	/	*2	-40	124.0	/	LEVEL 1 PASS														
9	3515340301	UP2970-09	902	929	17.5	/	L	-20	155	/	/														
10	3515344101	UP2970-10	832	866	17.0	/	L	-20	166	/	/														
11	3515351301	UP2970-11	758	800	17.0	/	L	-20	182	/	/														
12	P240511494101	UP2970-12	796	833	25.0	/	L	-20	183	OK	/														
13	P240511495301	UP2970-13	796	833	25.0	/	L	-20	183	OK	/														
1. 兹证明本表所列产品经检测符合客户订单要求。This is to certify that the above materials have been tested and the test results meet the requirements of the order. 2. 未经允许不可复制转载。The certificate shall not be reproduced or reproduced for any other purposes without the permission of the company. 3. 谨保证以上内容真实准确。We hereby certify the above statement to be true and correct in every detail.										备注 Remarks															
质量管理部 Department Of Quality Management					签发人 Prepared By: Molly Wang					审核人 Approved By: Emily Chen															