



天津市联众钢管有限公司  
TIANJIN UNITED STEEL PIPE CO., LTD  
CERTIFICATE OF PRODUCT QUALITY  
产品质量证明书

NO. (编号): 1701091038

CODE (编码): LZ/CX14-JL07D

CUSTOMER 订货单位	E-STEEL, INC.	We hereby certify that the material described here in has been manufactured and tested in accordance with above specifications and the results of all are acceptable.		CERTIFICATE NO. 质检字	QC01
PRODUCT 货物名称	ERW ROUND STEEL PIPE	兹为贵单位制造之钢管，经本公司质量管理部技术标准条件及合同检验合格，特发此证。		CAR NO 车号	-
M.P 制造工艺	HRW	STANDARD 检查依据	API 5L GR. B/ASTM A53 GR. B	HEAT TREATMENT OF WELDING SEAM 焊缝热处理	( ) M
			HEAT TREATMENT OF WELDING SEAM 焊缝热处理	CONTRACT NO. 合同号	AU16010

STEEL GRADE 钢级	HEAT NO. 炉号	SPECIFICATION 规格 (mm)	WEIGHT WT (吨)	PCS (支)	CHEMICAL COMPOSITION 管坯化学成分 (%)																		
					C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Ti	V	Al	Nb	N	B	Sn	Ce	Ca	CE <sub>10%</sub>
B	62D834	Φ219.1*8-18*6150	102.839	393	0.17	0.18	0.35	0.026	0.025	0.012	0.014	0.002	0.002	0.003	0.007	-	0.011	-	0.000	-	0.001	-	-
B	61D385	Φ219.1*6-35*6150	29.301	143	0.18	0.18	0.34	0.026	0.014	0.010	0.013	0.001	0.001	0.002	0.005	-	0.012	-	0.000	-	0.001	-	-
B	61D819	Φ219.1*6-35*6150	69.461	339	0.17	0.15	0.32	0.020	0.022	0.005	0.001	0.002	0.001	0.002	0.004	-	0.010	-	0.000	-	0.001	-	-

MECHANICAL PROPERTY OF PIPE BODY 管体物理性能				MECHANICAL PROPERTY OF WELDING SEAM 钢管焊缝物理性能				T.S.=TENSILE STRENGTH IMP=IMPACT VALUE (JND)			
Y.S. (R <sub>0.2</sub> ) 屈服强度 MPa	T.S. (R <sub>m</sub> ) 抗拉强度 MPa	E.L. (A) 伸长率 A50mm (%)	IMP 冲击功 (J) ℃	FLATTENING 压扁	T.S. (R <sub>0.2</sub> ) 抗拉强度 MPa	IMP 冲击功 (J) ℃	WELDING SEAM 焊缝100%	DELAMINATION OF PIPE END 管端分层	PIPE BODY 管体	TEST PRESSURE 试验压力 MPa	DELAY TIME 保压时间 秒
330	433	32.0	-	OK	441	-	OK	-	-	11.0	6s
341	446	30.0	-	OK	462	-	OK	-	-	8.5	6s
325	445	32.0	-	OK	458	-	OK	-	-	8.5	6s

1. Pressure pipes used with ordinary pipes will be regarded as ordinary ones.  
承压管与一般管混用时，一律按一般管保证。

2. Quality defects occurred in transit is beyond our guarantee.  
运输装卸中造成的产品缺陷不予保证。

3. Any changes by handwriting is invalid.  
本证明任何手写或改动均无效。

4. This certificate should be proved valid with seal.  
本证明未加盖产品质量证明章无效。

NOTES  
说明:



INSPECTOR 检验员: 张世格  
CONSIGNOR 发货员: 陈培  
ISSUED DATE 发证日期: 2017年1月9日