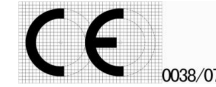




天津市联众钢管有限公司
TIANJIN UNITED STEEL PIPE CO., LTD



MILL CERTIFICATE

CODE(编码): LZ/CX14-TL07D

NO. (编号): 1408234878

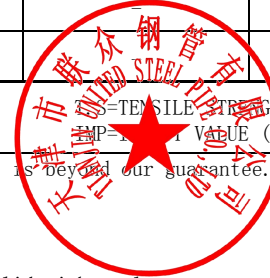
CUSTOMER 订货单位	PLESA ANAHUAC Y CIAS., S.A. DE C.V.	We here by certify that the material described here in has been manufactured and tested in accordance with above specifications and the results of all are acceptable. 兹为您单位制造之钢管, 经本公司质量管理部门标准技术条件及合同检验合格, 特发此证。						L/C NO. 信用证号	M931069
PRODUCT 货物名称	ERW ROUND PIPE							CAR NO. 车号	-
M. P 制造工艺	HFW	STANDARD 检查依据	ASTM A53 API 5L GRADE B				HEAT TREATMENT OF WELDING SEAM (✓) M 焊缝热处理	CONTRACT No. 合同号	RU14058

STEEL GRADE 钢级	HEAT NO. 炉号	SPECIFICATION 规格 (mm)	QUANTITY PCS	CHEMICAL COMPOSITION管坯化学成份(%)																			
				C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Ti	V	Al	Nb	N	B	Sn	Ce	Ca	CE _{pcm}	CE _{IIW}
B	4A-02055	Φ168.3*7.11*6150	30	0.18	0.22	0.35	0.026	0.021	0.020	0.021	0.011	0.010	0.022	0.011	-	0.012	-	-	-	-	0.000	-	-
B	4A-02055	Φ219.1*8.18*6150	161	0.18	0.12	0.33	0.024	0.020	0.021	0.011	0.012	0.000	0.012	0.000	-	0.014	-	-	-	-	0.000	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MECHANICAL PROPERTY OF PIPE BODY 管体物理性能				MECHANICAL PROPERTY OF WELDING SEAM 钢管焊缝物理性能			(✓) UT超声波探伤	(-) EMAT 电磁超声波	HYDROSTATIC TEST 水压试验		
Y. S. (R _{0.5}) 屈服强度 MPa	T. S. (R _m) 抗拉强度 MPa	E. L. (A) 伸长率 A50mm (%)	IMP 冲击功 (J) - °C	FLATTENING 压扁	T. S. (R _m) 抗拉强度 MPa	IMP 冲击功 (J) - °C	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
325	442	30.0	-	OK	-	-	OK	-	-	12.5	6s
335	439	31.0	-	OK	451	-	OK	-	-	11.0	6s
-	-	-	-	-	-	-	-	-	-	-	-

SIGN/SEAL OF THE THIRD PARTY DETECTION 第三方检验签章处	NOTES 注释	Y. S=YIELD STRENGTH E. L=ELONGATION	TS-TENSILE STRENGTH IMP-IMPACT VALUE (IND)
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NOTES 说明:	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。
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INSPECTOR检验员: 张世格

CONSIGNOR发货员: 陈培

ISSUED DATE发证日期: 2014年8月5日