

MILL CERTIFICATE

CUSTOMER	PLESA ANAHUACY CIAS, S.A. DE C.V.	We hereby certify that the material described herein has been manufactured and tested in accordance with above specifications and the results of all are acceptable. 兹为贵单位制造之钢管，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。					CERTIFICATE NO.	MCLZ1221
PRODUCT	ERW ROUND PIPE						L/C NO.:	M927672
M.P	ERW	STANDARD	ASTM A53	HEAT TREATMENT OF WELDING SEAM	(-) N (-) Z	CONTRACT NO.	RUI221	

EL GRADE	HEAT NO.	SPECIFICATION (mm)	QTY		CHEMICAL COMPOSITION 管坯化学成分 (%)												
			MT	PCS	C	Si	Mn	P	S	Nb	Als	V	Ti	Cr	Cu	Mo	Ni
B	R12030381	168.3X6.35X6150	98.261	630	0.19	0.21	0.42	0.025	0.023	-	-	0.003	0.002	0.012	0.018	0.001	0.018
B	21-01469	168.3X7.11X6150	64.315	370	0.18	0.20	0.41	0.022	0.024	-	-	0.004	0.001	0.013	0.020	0.001	0.015
B	31-04242	219.1X6.35X6150	197.728	965	0.18	0.26	0.42	0.025	0.022	-	-	0.004	0.001	0.010	0.009	0.002	0.011
B	31-04247	219.1X6.35X6150	198.874	760	0.19	0.24	0.40	0.023	0.024	-	-	0.003	0.002	0.011	0.012	0.005	0.013

TOTAL 总计: (559.178) MT (吨) (2725) PCS (支)					MECHANICAL PROPERTY OF WELDING SEAM					(√) UT 超声波探伤			HYDROSTATIC TEST 水压	
MECHANICAL PROPERTY OF PIPE BODY 管体物理性能					钢管焊缝物理性能									
Y.S. (R _{0.2}) 屈服强度 MPa	T.S. (R _m) 抗拉强度 MPa	E.L. 伸长率 (%)	IMP 冲击功(J) ℃	SHEARING AREA 剪切面积	FLATTENING 压扁	T.S. 抗拉强度 MPa	IMP 冲击功 (J) ℃	HARDNESS	WELDING SEAM 100%	DELAMINATION OF PIPE END	TEST PRESSURE	DELAY TIME		
330	460	29.0	-	-	OK	-	-	-	OK	OK	10.9Mpa	6s		
410	500	30.0	-	-	OK	-	-	-	OK	OK	12.3Mpa	6s		
340	445	31.0	-	-	OK	-	-	-	OK	OK	10.3Mpa	6s		
35	450	30.0	-	-	OK	-	-	-	OK	OK	13.4Mpa	6s		

SIGN/SEAL OF THE THIRD PARTY DETECTION 第三方检验签章处	NOTES 注释	Y.S=YIELD STRENGTH T.S=TENSILE STRENGTH E.L=ELONGATION IMP=IMPACT VALUE(INJ)
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NOTES 说明:

- 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。
- 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。
- Any changes by handwriting is invalid.
本证明任何手写或改动均无效。
- This certificate should be proved valid with seal.
本证明须加盖产品质量证明章无效。

INSPECTOR 检验员:

CONSIGNOR 发货员: PEI CHENG

ISSUED DATE 发证日期: 2012.4

