

CERTIFICATE OF QUALITY

CUSTOMER	PLESA ANAHUAC Y 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。					CERTIFICATE NO.	MTCLZ1251	
PRODUCT	ROUND PIPE						CONTRACT NO.	RU1251	
M.P	HEW	STANDARD	ASTM A53 GR.B					HEAT TREATMENT OF WELDING SEAM	(√) HN () Z

STEEL GRADE	HEAT NO.	SPECIFICATION (mm)			QTY		CHEMICAL COMPOSITION 管坯化学成份 (%)																		
					MT	PCS	C	Si	Mn	P	S	Cr	Mo	Al	Ni	N	Cu	Nb	V	Ti	B	Sn	Re	Ca	CEV
B	L23-05135	168.3	6.35	6150	54.901	352	0.16	0.24	0.42	0.028	0.023	0.014	0.003	-	0.013	-	0.011	0.003	0.002	0.003	-	-	-	-	-
B	21-05510	168.3	7.11	6150	43.977	253	0.18	0.23	0.40	0.027	0.022	0.015	0.004	-	0.014	-	0.010	0.004	0.003	0.002	-	-	-	-	-
B	21-05381	219.1	6.35	6150	54.913	268	0.19	0.21	0.41	0.025	0.021	0.010	0.007	-	0.009	-	0.007	0.005	0.001	0.002	-	-	-	-	-
B	22-05623	219.1	8.18	6150	65.942	252	0.18	0.20	0.42	0.023	0.020	0.012	0.005	-	0.010	-	0.009	0.008	0.003	0.001	-	-	-	-	-

TOTAL 总计: (219.733) MT (吨) (1125) PCS (支)					MECHANICAL PROPERTY OF WELDING SEAM 钢管焊缝物理性能							(√) UT 超声波探伤				HYDROSTATIC TEST 水压								
MECHANICAL PROPERTY OF PIPE BODY 管体物理性能					FLATTENING 压扁							T.S. 抗拉强度		IMP 冲击功 (J)		HARDNESS		WELDING SEAM 100%		DELAMINATION OF PIPE END		TEST PRESSURE		DELAY TIME
Y.S. (R_{0.5}) 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																				
315	435	30.0	-	-	OK			-		-		-		OK		OK		10.9MPa		7s				
320	445	31.0	-	-	OK			-		-		-		OK		OK		12.2MPa		7s				
310	445	31.0	-	-	OK			455		-		-		OK		OK		10.6MPa		7s				
315	450	32.0	-	-	OK			465		-		-		OK		OK		13.7MPa		7s				

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			T.S.=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 transmit 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。

INSPECTOR 检验员: **张世格**

CONSIGNOR 发货员: PEI CHENG

ISSUED DATE 发证日期: 2012.08.08

