

MILL CERTIFICATE

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.	UNMC1165-1			
PRODUCT	ERW STEEL PIPE											L/C NO.:	M926923			
MP	HFW	STANDARD	ASTM A53 GR.B										HEAT TREATMENT OF WELDING SEAM	(√) HN () Z	CONTRACT No.	RU1165

STEEL GRADE	HEAT NO.	SPECIFICATION (mm)	QTY		CHEMICAL COMPOSITION 管坯化学成分(%)																		
			MT	PCS	C	Si	Mn	P	S	Cr	Mo	Al	Ni	N	Cu	Nb	V	Ti	B	Sn	Re	Ca	CEV
B	2-13681	88.9X5.49X6150	60.354	869	0.13	0.14	0.41	0.016	0.012	0.011	0.003	-	0.011	-	0.012	0.007	0.010	0.005	-	-	-	-	-
B	11406398	114.3X6.02X6150	89.966	910	0.15	0.16	0.40	0.015	0.013	0.012	0.002	-	0.010	-	0.011	0.005	0.009	0.004	-	-	-	-	-
B	R11113483	168.3X6.35X6200	89.942	572	0.14	0.16	0.42	0.015	0.013	0.011	0.002	-	0.010	-	0.013	0.006	0.011	0.003	-	-	-	-	-

TOTAL 总计: (240.262) MT (吨) (2351) PCS (支)					MECHANICAL PROPERTY OF WELDING SEAM 钢管焊缝物理性能										(√) UT 超声波探伤			HYDROSTATIC TEST	
MECHANICAL PROPERTY OF PIPE BODY 管体物理性能					MECHANICAL PROPERTY OF PIPE BODY 管体物理性能										(√) UT 超声波探伤			HYDROSTATIC TEST	
Y.S. (R _{mS}) 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					
					1/2	3/4	JOINT 接头												
320	435	31.0	-	-	OK			-	-	-	OK	OK	17.2MPa	7s					
325	440	30.0	-	-	OK			-	-	-	OK	OK	15.2MPa	7s					
325	445	31.0	-	-	OK			-	-	-	OK	OK	10.9MPa	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(INJ)
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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印章无效。

INSPECTOR 检验员: **曹霞**

CONSIGNOR 发货员: PEI CHEN

ISSUED DATE 发证日期: 2012-02-03

