

**MILL CERTIFICATE**

<b>CUSTOMER</b>	PLESA ANAHUAC Y CIAS S.A DE C.V	<b>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.</b> 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。					<b>CERTIFICATE NO.</b>	MTCLZ1288	
<b>PRODUCT</b>	ERW ROUND PIPE						<b>L/C NO.:</b>	-	
<b>M.P</b>	<b>HFW</b>	<b>STANDARD</b>	ASTM A53 GR.B			<b>HEAT TREATMENT OF WELDING SEAM</b>	(√) HN ( ) Z	<b>CONTRACT NO.</b>	RU1288

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	220760	114.3*6.02*6150	98.867	1000	0.18	0.19	0.42	0.024	0.022	0.010	0.004	-	0.012	-	0.018	0.012	0.020	0.002	-	-	-	-	-
B	12X305052	168.3*7.11*6150	98.906	569	0.16	0.17	0.41	0.021	0.025	0.011	0.007	-	0.010	-	0.014	0.013	0.011	0.008	-	-	-	-	-

<b>TOTAL 总计: (197.773) MT (吨) (1569) PCS (支)</b>					<b>MECHANICAL PROPERTY OF WELDING SEAM</b>							(√) UT 超声波探伤				<b>HYDROSTATIC TEST</b> 水压	
<b>MECHANICAL PROPERTY OF PIPE BODY 管体物理性能</b>					<b>MECHANICAL PROPERTY OF WELDING SEAM 钢管焊缝物理性能</b>												
Y.S. (R <sub>0.5</sub> ) 屈服强度 MPa	T.S. (R <sub>m</sub> ) 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	1/3	JOINT 贴合										
320	455	31.0	-	-	OK			-	-	-	OK	-	-	-			
315	450	30.0	-	-	OK			-	-	-	OK	-	-	-			

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

<p>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。</p> <p>3、 Any changes by handwriting is invalid. 本证明任何手写或改动均无效。</p>	<p>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。</p> <p>4、 This certificate should be proved valid with seal. 本证明未加盖产品质量证明章无效。</p>
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INSPECTOR 检验员:

CONSIGNOR 发货员: PEI CHENG

ISSUED DATE 发证日期: 2012-12-10