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MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

PLESA ANAHUACY CLAS, S.A. DE C.V.

CERTIFICATE NO(설작서 번호) : D023083
DATE OF ISSUE(발행일자) : 2019-02-25

CONTRACT(P/C) NO.(계약번호) : 2755

PR NO.(주문서번호) : FBI20191

COMMODITY(제품명) : ERW CARBON STEEL PIPE

SPECIFICATION(제작규격) : ASTM A53 B

No.	TYPE OF PIPE END	SIZE OUT-DIA×THICK×LENGTH: (외경 × 두께 × 길이) (인치 × 틀레이스 × 20ft)	PCS (본)	WEIGHT (kg)	TOTAL LENGTH (m)	HEAT No. (P/N)	Hydrostatic Test			Tensile Properties(Gauge Length:2.5in)			Hardness Test & CN Impact Test			D.W.I Test (C)																		
							Pressure Spec.	Time SEC	Base MPa	Yield Strength MPa	E.L %	Y/R Rate %	E.L %	CN Impact Test (°C)			Shear Area(%)																	
														Absorbed Energy/Joule	Area (%)	1	2	avg (%)																
1	BB BE	14" X 0.225 " X 6,150 M	248	75208	1,525.2	P97963	PSI	Nbr Max	415	415	240																							
2	BB BE	14" X 0.225 " X 6,150 M	81	24564	489.15	P97976	PSI	Nbr Max	676	5	T	463	480	345	41																			
		TOTAL		329	98,772																													
Chemical Composition(%)																																		
No.	Heat No.	Spec.	C	S	Mn	P	S	Cu	Ni	Cr	Mo	V	Cr3%	Mo	Y	Cr3%	Mo	Y																
		Min.	※4	2	2	3	3	2	2	2	3	3	3	3	3	3	3	3																
		Max.	30	120	50	45	40	40	150	80	100																							
1	P97963	H	6	2	75	10	5	11	7	3	1	2	2	1	71																			
		P	6	1	73	11	7	4	1	2	2	2	1	72																				
2	P97976	H	6	1	73	12	6	13	8	2	1	2	1	55																				
		P	7	1	80	13	8	2	1	2	2	2	2	55																				
Heat Treatment		Non-Destructive Test (UT)	Patenting / Bending Test		Visual & Dimension		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD																	
SURVEYOR																																		
We hereby certify that the material described herein has been accepted in accordance with the prescribed specification and order.																																		
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QA Manager