

CERTIFICATE NO(증서번호) : E203074  
 DATE OF ISSUE(발행일자) : 2019-02-25  
 CONTRACT NO(계약번호) : 27795  
 PR NO(주문서번호) : F181200191  
 COMMODITY(재품명) : ERW CARBON STEEL PIPE  
 SPECIFICATION(제표규격) : ASTM A53 B

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# 검사증명서

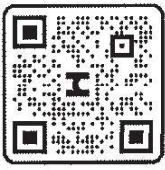
## MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

CUSTOMER(고객사): PLESA ANAHUACY CIAS, S.A. DE C.V.



출신공장 : 울산광역시 북구 영포로 706  
 706, Yeonpo-ro, Buk-gu, Ulsan, Korea



No.	TYPE OF PIPE END ※1	SIZE OUT-OD x THICK x LENGTH (외경 x 두께 x 길이)	PCS (본)	WEIGHT (KG)	TOTAL LENGTH (M)	HEAT No.	Hydrostatic Test		Tensile Properties(Gage Length: 2 inch)				Hardness Test			Heat-Treat Test & CAVI Impact Test			DWT Test (C)		
							Pressure PSI	SEC	Base MPa	Yield Strength MPa	Weld MPa	EL	V/R Rate	Max Value	CVN Impact Test (C)						
							Spec	Min/Max	Base	Weld	Yield Strength	EL	※2	※3	Absorb Energy(Joule)			Shear Area(%)			
							Min/Max	Min/Max	415	415	240	29	1	2	3	avg	1	2	avg		
1	EB BE	14" X 0.500" X 6.150 M	31	20,474	190.65	G50947	1500	5	478	483	339										
TOTAL																					
Chemical Composition(%)																					
No.	Heat No.	Spec.										H.I.C Test			S.S.C Test	Remark					
		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Cl/8 ※10	CLR	CTR			CSR				
1	G50947	2	2	2	3	3	2	2	3	3	3										
		30		120	50	45	40	40	150	80	1000										
		H	18	2	75	17	6	2	4	1	1										
		P	16	2	75	17	6	6	2	4	1	114									
		P	16	2	74	17	7	6	2	4	1	115									
Zn-Coating Test																					
2" x 100.3" x 1000.4" x 10200																					
H.C-Test																					
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Cooper Sulfate Test																					
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