

CERTIFICATE NO(증서번호) : D203084
 DATE OF ISSUE(발행일자) : 2019-02-25
 CONTRACT(P/O) NO.(계약번호) : 2795
 P.R.N.O.(주문서번호) : F181200191
 COMMODITY(물품명) : ERW CARBON STEEL PIPE
 SPECIFICATION(제품규격) : ASTM A53 B

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, Yeompo-ro, Buk-gu, Ulsan, Korea



No.	TYPE OF PIPE END	SIZE OUT-DIA×THICK×LENGTH (외경×두께×길이)	PCS (부)	TOTAL LENGTH (M)	WEIGHT (KG)	HEAT No.	Hydrostatic Test		Tensile Properties(Gage Length: 2 inch)				Hardness Test		Hardeness Test & CNV Impact Test				D.W.T. Test (°C)						
							Pressure PSI	SEC	Yield Strength MPa	Weld MPa	Yield Strength MPa	V/R Rate	EL	Max Value	Absorbed Energy(Joule)		Shear Area(%)								
Spec.	Heat No.	Mn %	P	S	Si	C	Cr	Ni	Mo	V	Cu	Al	Co	Fe	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1	EB BE	14" X 0.315" X 6.150 M	132	811.8	65,959	P88380	1120	5	457	477	375														
		TOTAL	132	811.8	65,959																				
<p>Chemical Composition(%)</p> <p>2 : x 100 3 : x 1000 4 : x 10000</p>																									
		<p>Remark</p> <p>※1) Type of pipe end(단종) EB-ERW Black BE-Bavai End ※2) L: Longitudinal, T: Transverse ※3) B: Base, W: Weld Line, H: Heat Affected Zone ※4) H: Heat(Ladle) Analysis, P: Product Analysis ※7) For each reduction of 0.01% below the specified C max an increase of 0.06% Mn above the specified max will be permitted up to a max of 1.65% ※10) QMB-CO-NHC-M6-V ※ SPEC YEAR - ASTM A53(2018ED)</p>																							
Heat Treatment		Non-Destructive Test (U.T)		Flattening / Bending Test		Visual & Dimension		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD	
SUNAVOR		<p>본 제품은 관련 규격이 함각되었음을 증명합니다. WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN ACCEPTED IN ACCORDANCE WITH THE PRESCRIBED SPECIFICATION AND ORDER. * 본 검사증명서에 영가된 규격번호와 시공시 안전상 문제가 발생할 수 있으며, 검사증명서 위변조시 시공사 위조로 불이익을 당할 수 있습니다.</p>																							
QA Manager		<p>HYUNDAI STEEL</p>																							

* 본 검사증명서는 원본인 전자문서(전자서명 정보 포함)로부터 출력된 사본입니다. 전자문서의 내용은 원본과 동일하게 고적포함에서 확인하실 수 있습니다. (http://sm.hyundai-steel.com/cs/cm/login.js)
 * This Mill Test Certificate is a copy that has been printed from original electronic document(with digital signing).
 You are able to check an original electronic document at hyundasteel's customer portal(http://sm.hyundai-steel.com/cs/cm/login.js) * QRcode scanner: App : 'QReal'