

CERTIFICATE NO(증서번호) : BKA078
 DATE OF SALE(발행일시) : 2017-04-14
 CONFIG(PO) NO(계약번호) : 24410
 PR NO(주문서번호) : F161000177
 COMMODITY(재품명) : E1W C4950H STEEL PIPE
 SPECIFICATION(재품규격) : API 5L B.PEL / ASTM A53B / ASME SA53B

검사증명서

MILL TEST CERTIFICATE

EN10204 3.1/ISO 10474 3.1B

CUSTOMER(고객사): PLESA ANAHUAC Y CIA S. A. DE C.V.



출산공장 : 울산광역시 북구 영포동 706
 706, Yeonpo-ro, Buk-gu, Ulsan, Korea



No	TYPE OF PIPE END	SIZE OUT-ODX*THICK*LENGTH (외경*두께*길이)	PCS (장)	WEIGHT (KG)	TOTAL LENGTH (m)	HEAT No	Hydraulic Test		Tensile Properties(Coupe Length: 2 inch)			Hardness Test		Hardness Test & CM Impact Test			
							Pressure PSI	Time SEC	Base MPa	Yield MPa	Tensile MPa	Yield MPa	YR %	EL %	Max Value	CM Impact Test (C)	Shear Area (%)
1	EB BE	10-3/4" X 0.365" X 20177 F	4	1,489	80,708	G59050	1,450	5	472	514	331	42	B 171	H 189	W 157	243	
		TOTAL	4	1,489	80,708												
Chemical Composition(%) 2 : x 100 3 : x 1000 4 : x 10000 C SI Mn P S CU Ni Cr Mo V Ti Nb B CUI #8 CUI #9 Zn Coating Copper Sulfide Test Time Result HC-Test Colgate Pressure psi HIC Test CLR CTR CSR S.S.C.C Test #1 Type of pipe end(관종) EBFERW Back BE Bowel End #2 L Length(길이) T Transverse #3 B Base, W Weld Line, H Heat Affected Zone #4 H Heat(heat) Analysis, P Product Analysis #5 For each reduction of 0.01% below the specified max for C, an increase of 0.05% above the specified max for Mn is permissible, up to a max of 1.55% #6 CUI=CUI-H+V #7 CUI=CUI-H+V+Ti #8 STEC YEAR - API 5L 45th Edition(2013)/ASTM A53(2012)/ASME SA53(2015) #9 License No. : 2L-0028 #10 Address to NACE MR0175(2013ED) / ISO 15155 #11 API 5L Annex E(ND B) : OD±6% ECT(1 gram hole) O.D±6% UT(3.2mm hole) #12 Heat treatment : Normalizing(871~1100°C, Holding time : max.30m/min)																	
Heat Treatment Non-Destructive Test (UT) Retaining / Bending Test Visual & Dimension Residual Magnetism (Gauss) G5000 G5000 G5000 G5000 G5000 G5000 SURVEYOR																	

본 제품은 관련 규격에 합격되었음을 보증합니다.
 WE HEREBY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS BEEN ACCEPTED IN ACCORDANCE WITH THE PRESSURED SPECIFICATION AND ORDER.
 * 본 검사증명서에 영구된 규격용도의 사용이 안전성 문제가 발생할 수 있으며, 검사증명서 확인 후 제조사로부터 불이익을 당할 수 있습니다.
 * 본 검사증명서는 원본인 전자 문서 전자서명 정보 포함 문후에 출력된 시본입니다. 전자 문서의 내용은 원본에 질 고해상도에서 확인하실 수 있습니다. (http://smhyundai-steel.com/cs/cm/loop.usp)
 * 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 hyundai-steel.com/customer_portal (http://smhyundai-steel.com/cs/cm/loop.usp) * QRcode scanner App : QRajj

COPY

주식회사

QA Manager