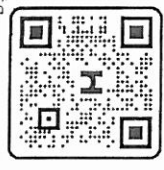


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 COMMODITY(제품명) : ERW CARBON STEEL PIPE
 SPECIFICATION(제품규격) : API 5L B PSL1/S15M/ASME SA568

Page 1 of 1
 검사증명서
MILL TEST CERTIFICATE
 EN10204 3.1/ISO 10474 3.1 B
 PLESA ANAHUAC Y CIA S.A DE CV.

HYUNDAI
STEEL
 울산공장 : 울산광역시 북구 영포동 706
 706, Yeonpo-dong, Buk-gu, Ulsan, Korea



No.	TYPE OF PIPE	SIZE	POS	WEIGHT	TOTAL LENGTH	HEAT No.	Hydrostatic Test		Tensile Properties(Coupe Length : 2 inch)			Hardness Test			Hardness Test & CMI Impact Test		DWT Test (C)							
							Pressure	Time	Base	Weld	Yield Strength	Tensile Strength	Y/R	EL	Max Value	CMI Impact Test (C)		Shear Area(%)						
		OUT-DIA X THICK X LENGTH (외경 X 두께 X 길이)	(번)	(KG)	(F)		Spec	Spec	#2	#2	#3	#3	#3	CMI Impact Test (C)		Shear Area(%)								
							Min	Max	Min	Max	%	%	HV	Min	Max	avg								
1	EB BE	10-3/4" X 0.225" X 20177 F	195	45,208	3394.515	PO3906	880	5	477	517	388	39	B	149	H	165	W	141						
		TOTAL	195	45,208	3394.515																			
Heat Treatment		Non-Destructive Test (UT)	GOOD	Flattening / Bending Test	GOOD	Visual Dimension	GOOD	Residual Magnetism (Gauss)	GOOD															
SPEC		C	SI	Mn	P	S	CU	NI	CR	MO	V	TI	Nb	B	QMI #8	QMI #9	Zn Coating	Copper Sulfide Test	HC-Test	HIC Test	S.S.CC Test	Remark		
		#4	2	2	3	3	2	2	2	3	3	3	3	4	3	3								
		Max	25	120	30	30	50	50	150					10	50	150								
		H	7	1	72	12	4	1	3	2	2	TR	12	1	13	15								
		P	7	1	73	11	5	1	3	2	2	TR	12	1	13	15								
		P	7	1	73	11	5	1	3	2	2	TR	12	1	13	15								

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 K.K. CHOI
 QA Manager