

CERTIFICATE NO. (발행번호)
 DATE OF ISSUE (발행일자)
 CONTRACT(P/O) NO. (계약번호)
 P/R NO. (주문서번호)
 COMMODITY (제품명)
 SPECIFICATION (제품규격)

DC01581
 2019-12-05
 28991
 F191000108
 ERW CARBON STEEL, PRE
 ASTM A53 B

Page 1 of 1
 CUSTOMER (고객사):

검사증명서

MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

현대중합상사(주)

HYUNDAI STEEL

출신공장 : 울산광역시 북구 영포로 705
 705, Yeompo-ro, Bu-gu, Ulsan, Korea



No.	TYPE OF PIPE END	SIZE	PCS	WEIGHT (KG)	TOTAL LENGTH (M)	HEAT No.	Hydrostatic Test			Tensile Properties (Gage Length: 2 inch)				Hardness Test			CAN Impact Test		D.W.T Test (C)
							Pressure	Time	Spec	Tensile Strength Base	Weld	Strength	Y/R Rate	EL	Max. Value	Specimen	Absorbed Energy (Joule)	Shear Area (%)	
		MIN			MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	MIN	
1	EB BE	12" X 0.500" X 6.150 M	37	22,170	227.55	SC15189	1650	5	T	494	529	331			43				
		TOTAL	37	22,170	227.55														

No.	Heat No.	Chemical Composition (%)											Zn-Coating		HIC-Test Collage Pressure	HIC Test			Sulfur Test	
		C	Si	Mn	P	S	CU	N	Cr	Mo	V	CHK	CHK	Time		Result	psi	CLR		CTR
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
1	SC15189	30	19	1	85	15	3	45	40	40	150	80	1000							
		H	19	1	85	10	1	2	1	2	18	2	67							
		P	20	1	86	10	1	2	1	2	18	2	67							
		P	19	1	86	10	1	2	1	2	18	2	67							

SURVEYOR

본 제품은 관련 규격에 합격되었음을 증명합니다.
 The material has been manufactured, sampled, tested and inspected in accordance with the specification and has been found to meet the requirements.
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 You are able to check an original electronic document at hyundai-steel.com/cs/cm/lopn.jsf * QRcode scanner App 'QReal'

H.K. CHOI

QA Manager