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 CONTRACT(계약) NO(계약번호) : 28991
 PPI NO(주문서번호) : F191000108
 COMMODITY(계급명) : ERW CARBON STEEL PFC
 SPECIFICATION(제품규격) : ASTM A53 B

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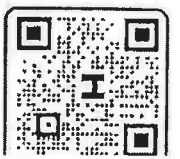
CUSTOMER(고객사) : EN 10204 TYPE 3.1 - 2004

검사증명서

MILL TEST CERTIFICATE

현대중합상사(주)

본인공장 : 울산광역시 북구 영포로 708
 708, Yeompo-ro, Buk-gu, Ulsan, Korea



No	TYPE OF PIPE END	SIZE OUT-DIA*THICK*LENGTH (외경*두께*길이)	PCS	WEIGHT (KG)	TOTAL LENGTH (M)	HEAT No	Hydrostatic Test			Tensile Properties(Gage Length: 2 inch)						Hardness Test			CAN Impact Test		DWT Test (°C)
							Pressure (MPa)	Time (Min)	Fail	Tensile Strength Base (MPa)	Yield Strength (MPa)	Strength (MPa)	V/R Rate (%)	EL (%)	Max. Value	%2	%3	Specimen size	Absorbed Energy(Joule)	Area Red (%)	
5	EB BE	12" X 0.250" X 6.150 M	120	36.896	738	PT448	820	5	T	533	595	400									
6	EB BE	12" X 0.250" X 6.150 M	55	16.814	338.25	PT521	820	5	T	502	592	377									
7	EB BE	12" X 0.250" X 6.150 M	15	4.566	92.25	R21540	820	5	T	541	590	442									
TOTAL			804	194.652	3,714.6																

No	Heat No	Chemical Composition(%)											Zn Coating	Cu	Pb	S	Bi	As	Sn	Ni	Mo	V	Nb	Ti	Al	N	O	H	C					
		C	Si	Mn	P	S	OU	N	CU	MO	V	U																		NI	MO	V	NI	MO
5	PT448	H	18	1	78	13	5	5	40	40	40	150	80	1000																				
6	PT521	H	19	1	81	12	4	4	3	3	3	36	2	95																				
7	R21540	H	6	14	101	15	1	1	1	1	1	37	3	75																				

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