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 COMMODITY(제품명) : ERW CARBON STEEL PIPE  
 SPECIFICATION(제품규격) : ASTM A53 B

# 검사증명서

## MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

CUSTOMER(고객사): 현대중공업(주)



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No	TYPE OF PIPE END	SIZE OUT-DIA X THICK X LENGTH (외경 x 두께 x 길이)	PCS (본)	WEIGHT (KG)	TOTAL LENGTH (M)	HEAT No	Hydrostatic Test		Tensile Properties(Gage Length: 2 inch)				Hardness Test					
							Pressure PSI	Time SEC	Base Metal MPa	Weld MPa	Yield Strength MPa	Strength MPa	Y/R Rate %	EL %	Max Value	#2 Specimen size	#3	
1	EB BE	10" X 0.500" X 6.150 M	1	501	6.15	R28528	1950	5	T	481	532	442						
2	EB BE	10" X 0.500" X 6.150 M	2	1,003	12.3	R28906	1950	5	T	483	534	449						
TOTAL			3	1,504	18.45													

No	Heat No.	Chemical Composition(%)											Zn Coating	Cu	Ni	Mo	V	C <sub>max</sub> %10			
		C	S	Mn	P	S	Si	Al	N	O	Cr	Mb									
1	R28528	Max	30		120	50	45	40	40	40	150	90	1000								
		H	6	1	74	12	4	4	1	3	14	2	88								
		P	6	1	75	13	4	4	1	3	14	2	89								
2	R28906	Max	30		120	50	45	40	40	150	90	1000									
		H	5	1	78	14	4	4	1	3	14	2	89								
		P	5	1	78	14	4	4	1	3	14	2	89								

Head Treatment: Non-Destructive Test (U/I) GOOD  
 Bending Test: GOOD  
 Visual & Dimension: GOOD

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