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검사증명서

MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

현대중합상사(주)

CUSTOMER(고객사):

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CERTIFICATE NO.(성적서 번호) : CS01287
DATE OF ISSUE(발행일자) : 2018-05-09
CONTRACT(P/O) NO.(계약번호) : 26550
PR NO.(주문서번호) : F180200166
COMMODITY(제품명) : ERW, CARBON STEEL PIPE
SPECIFICATION(제품규격) : ASTM A53 B

No.	TYPE OF PIPE END ※1	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		Chariness Test & CMV Impact Test			D.W.T Test(°C) Shear Area(%)			
							Pressure	Time	Base	Weld	Yield Strength	Y/R Rate	EL	Max Value	Absorbed Energy(Joule)	1	2		3	avg	1
No.		Heat No.		Spec		Min/Max		Mn/Sec		Mn/Max		Mn/Max		Mn/Max		Mn/Max		Mn/Max			
1	EB BE	14" X 0.225" X 6.150 M	95	29,836	594.25	SP09220	576	5	415	415	415	240	39	39	39	39	39	39	39	39	
2	EB BE	14" X 0.225" X 6.150 M	190	57,619	1,168.5	SP09542	676	5	415	415	240	39	39	39	39	39	39	39	39	39	
		TOTAL	285	86,428	1,732.75																
Chemical Composition(%)																					
Spec		Mn		Si		P		S		Cu		N		Cr		Mo		V		Nb	
Heat No.		Mn		Si		P		S		Cu		N		Cr		Mo		V		Nb	
No.		Mn		Si		P		S		Cu		N		Cr		Mo		V		Nb	
1	SP09220	17	50	13	4	40	40	150	80	1000											
2	SP09542	18	50	12	5	1	2	2	2	1	54										
		18	50	12	5	1	2	2	2	1	54										
		17	49	13	4																
		18	49	12	5	1	2	2	2	1	53										
		18	50	12	5	1	2	2	2	1	54										
Heat Treatment		Non-Destructive Test (U.T)		Flattening/Bending Test		Visual & Dimension		Visual & Dimension		Visual & Dimension		Visual & Dimension		Visual & Dimension		Visual & Dimension		Visual & Dimension		Visual & Dimension	
GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD		GOOD	
SURVEYOR																					
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<p>T. h. Lim QA Manager</p>																					

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