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검사증명서

MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

CUSTOMER(고객사): 현대중합상사(주)

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CERTIFICATE NO(성격서 번호) : CS01081
DATE OF ISSUE(발행일자) : 2018-05-08
CONTRACT(PO) 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)	FCS (부)	WEIGHT (KG)	TOTAL LENGTH (M)	HEAT No.	Hydrostatic Test		Tensile Properties(Gage Length : 2 inch)			Hardness Test		Hardness Test & CN Impact Test			D.W.T Test(°C)				
							Pressure	Time	Base	Weld	Yield Strength	Y/R Rate	E.L	Max Value	CN Impact Test(C)						
No.	Heat No.	Spec. Min. Max.	Chemical Composition(%)										S.S.C.C Test	Remark							
			C	Si	Mn	P	S	CU	NI	Cr	Mo	V			OMG ※10	Zn Coating	Copper Sulfide Test	HC-Test Collapse Pressure	CLR	CTR	CSR
1	EB BE	10" X 0.365" X 6.150 M	1	371	6.15	G75929	PSI	SEC	Min.	Max.	Base	Weld	Yield Strength	Y/R Rate	E.L	Max Value	Criteria: In the case of 10x10)				
							1400	5	T	484	531	346		38							
2	EB BE	10" X 0.365" X 6.150 M	3	1,112	18.45	SU09235	PSI	SEC	Min.	Max.	Base	Weld	Yield Strength	Y/R Rate	E.L	Max Value	Criteria: In the case of 10x10)				
							1400	5	T	476	510	332		39							
TOTAL			4	1,483	24.5																
※1) Type of pipe end(관종) EB:ERW Bevel End ※2) L: Longitudinal, T: Transverse ※3) B: Base, W: Weld Line, H: Heat Affected Zone ※4) H: Heat(Ladle) Analysis, P: Product Analysis ※7) For each reduction of 0.01% below the specified C max. an increase of 0.08% Min above the specified max. will be permitted up to a max. of 1.65% ※10) OMG=OMG-C+McHv ※ SPEC YEAR - ASTM A53(2012E)																					
Heat Treatment		Non-Destructive Test (U.T)		Falltering/Bending Test		Visual & Dimension		GOOD									GOOD				
SURVEYOR																					
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