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검사증명서

MILL TEST CERTIFICATE

EN 10204 TYPE 3.1 - 2004

CUSTOMER(고객사): PLESA ANAHUACY CIAS., S.A. DE C.V.

CERTIFICATE NO(증서 번호) : D203612
DATE OF ISSUE(발행일자) : 2019-02-26
CONTRACT(P/O) NO.(계약번호) : 27795
PRJ.NO.(프로젝트번호) : F181200191
COMMODITY(제품명) : ERW CARBON STEEL PIPE
SPECIFICATION(제품규격) : ASTM A53 B

No.	TYPE OF PIPE END	SIZE OUT-DIA×THICK×LEN(길이×두께×길이)	PCS (개)	TOTAL LENGTH (M)	WEIGHT (KG)	HEAT No.	Hydrostatic Test		Tensile Properties(Gage Length: 2 inch)				Hardness Test		Charpy Test & CVN Impact Test			D.W.T Test (C)			
							Pressure PSI	Time SEC	Base MPa	Weld MPa	Yield Strength MPa	V/R Rate %	EL %	Max. Value	Absorbed Energy(Joule)				Shear Area(%)		
※1					(KG)		Min. PSI	Max. SEC	※2 415	※3 415	※2 240	※3 25	※2 3	※3 3	Specimen size			1	2	avg	
1	EB BE	12" X 0.225" X 6.150 M	77	473.55	2,229	F98912	742	5	476	467	367				Criteria: in the case of 10x10)						
		TOTAL	77	473.55	2,229																

No.	Heat No.	Chemical Composition(%)												Zn-Coating Test			H.C-Test			S.S.C.C Test			Remark	
		Spec.	C	Si	Mn	P	S	Cu	Ni	Cr	Mg	V	CA8	※10	Zn	Coating	Time	Result	psi	HC-Test Collapse Pressure	CUR	CTR		OSF
		※4	2	2	2	2	3	3	2	2	2	3	3	3	3	3	3	3						
		Min.	30	120	50	45	40	40	40	150	80	1000												
		Max.	6	77	10	6	3	1	3	2	1	74												
1	F98912	H	6	2	77	10	6	3	1	3	2	1	74											
		P	6	2	75	11	7	3	1	3	2	1	75											
		P	6	2	78	12	7	3	1	3	3	1	75											

Heat Treatment: GOOD
Non-Destructive Test (U.T): GOOD
Relieving/Bending Test: GOOD
Visual & Dimension: GOOD

SURFACOR

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HYUNDAI STEEL
CA Manager