

CS2075660 H-SC10132 P-1040493

PI# PC278376-1-01

TEST CERTIFICATE

HOT-ROLLED STAINLESS STEEL PLATE

EN 10204 3.1B



DKC(DK Corporation)
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End User ENCORE METALS LIMITED **	Works No. 70104003	Certificate No. 20070523-1588-1-046	1 / 1
Customer Name ENCORE METALS LP		Purchase Order No. 40493-1	
Specification ASTM A240/480 ASME SEC II SA240/480	Sub-Section 304L/304	Grade (TYPE) 304L/304	Edition 2005 2004
		UNS S30403/S30400	First No.1 No.1
Heat Treatment Solution Annealed 1976 F WATER COOLING	Condition of Plates GOOD	Mps No.	
Inorganic Corrosion Test ASTM A262 Practice E	UT Test Spec.		

No.	Bundle No.	Reque st - No.	Heat No.	Plate No.	Product SIZE (Inch)			Qty (sh)	Weight (kg)	AGS	Roughness	Permeability (μ)	P O S I T I O N D I R E C T I O N S I Z E	Impact Test(charpy)				
					T	W	L							V-notch 1st	C Min		J	
															2nd	3rd		Avg
1	0705-0065		SC10132	PC278376-1-01	3	78	175	1	5,418				T B T B T B T B					
Sub Total					1				5,418	Grand Total			1	5,418				

No.	D I V I S I O N	Chemical composition (%)													Practice				P O S I T I O N D I R E C T I O N	Tensile Test [1N/mm ² =1MPa]				Hardness % HRB						
		Cont	C	Si	Mn	P	S	Cr	Ni	Mo	N	Co	Cu	Ti	Nb	A	E	B		C	0.2%Y.S	1.0%Y.S	T.S		EL					
		Max	0.030	0.75	2.00	0.045	0.030	20.00	12.00		0.10																92			
		Min						18.00	8.00													25			70	40				
1	L P L P L P L P L P		0.022	0.43	1.58	0.028	0.002	18.28	8.16	0.16	0.038		0.16						G						T C E B T B T B T B	47.7	52.3	89.9	58.7	86.5

Remarks	ENCORE METALS APPROVED JUN 14 2007 BY: <i>[Signature]</i>	Additional Spec.
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Copyright(c) All rights Reserved by DK Corporation.		Division: L : Ladle Analysis P : Product Analysis		Survey or on inspection to:	
Direction: L : Longitudinal C : Crosswise		AGS: ASTM E112 A.G.S Test			
G (Gauge Length) Rectangular : A:50mm B:70mm C:100mm D:5.85√A Round : E:50mm F:70mm G:5.85√A		10% Coarse Add. Equ. Test : ASTM A262 Practice A		General Manager of DKC Quality	
Impact Test Specimen Size		1: Step Structure 2: Dual Structure 3: Ditch Structure 4: Isolated Ferrite Roots 5: Interdendritic Ditchs 6: End Grain Pitting I.I		<i>Chungdooyang</i>	