MILL TEST CERTIFICATE

HOT-ROLLED STAINLESS STEEL PLATE EN 10204 3.1B

D.K.C(DAEKYUNG CORP.)
H.O / FACTORY : Tel : 82-54-232-3120
SEOUL OFFICE : Tel : 82-2-594-7818
BUSAN OFFICE : Tel : 82-51-893-3316

End User	Works No.		Certificate Ref. No.	
ENCORE METALS LIMITED PARTNERSHIP	50105010		20050311-1071-1-006	2 / 2
Customer Name			**Purchase Order No.**	
ENCORE METALS				

Specification	Sub-Section	Grade(TYPE)	Edition	Addenda	UNS	Finish
ASTM A240/480		304L/304	2004		S30403/S30400	No.1
ASME SEC II SA240/480		304L/304	2004		S30403/S30400	No.1

Heat Treatment - Solution Annealed	Condition of Plate	Mps No.
1080 ℃ WATER COOLING	GOOD	

Intergranular Corrosion Test: ASTM A262 Practice E — UT Test Spec.:

No.	Bundle No.	재검사	Heat No.	Plate No.	Product SIZE (inch) T	W	L	Q'ty (sh)	Weight (kg)	AGS	Roughness	Permeability (μ)	Practice A	E	B	C	POSITION	DIRECTION	SIZE	Impact Test V-notch ℃ 1st	2nd	3rd	Min J Avg
6	1080		SC94244	PB006404-1-02	2	96	144	1	3,635					G			T						
																	B						
7	1120		SC94243	PB006405-1-01	2.5	96	144	1	4,550					G			T						
																	B						
																	T						
																	B						
																	T						
																	B						
																	T						
																	B						
				Sub Total				2	8,185			Grand Total					7			27,670			

No.	Division	Chemical composition (%) Cont	C	Si	Mn	P	S	Cr	Ni	Mo	N	Co	Cu	Ti	Nb	Test Plate No.	POSITION	DIRECTION	GL	Tensile Test 0.2%Y.S N/mm2	1.0%Y.S N/mm2	T.S N/mm2	EL %	Hardness HRB
		Max	0.030	0.75	2.00	0.045	0.030	20.00	12.00		0.10													92
		Min						18.00	8.00											170		485	40	
6	LP		0.022	0.48	1.54	0.025	0.004	18.22	8.20	0.13	0.044	0.10	0.15			PB006404-1	T	C	E	294.7	347.5	640.2	58.3	84.8
																	B							
7	LP		0.022	0.41	1.52	0.025	0.005	18.50	8.31	0.15	0.044	0.11	0.15			PB006405-1	T	C	E	280.7	326.9	618.7	58.9	83.1
																	B							
	LP																T							
	LP																B							
	LP																T							
	LP																B							
	LP																T							
	LP																B							

EMLP APPROVED
APR 15 2005
BY:

Remarks
Mercury Free, No weld repair statement

Additional Spec

NO WELD REPAIRS
검사증명서 위,변조시 사문서 위조(형법231조)로 불이익을 당할 수 있습니다.

Position T : Top M : Middle B : Bottom
Direction L : Longitudinal C : Crosswise
GL(Gauge Length)
Rectangular : A:50mm B:70mm C:100mm D:5.65√A
Round : E:50mm F:70mm G:5.65√A
Division L : Ladle Analysis P : Product Analysis
AGS ASTM E112 A.G.S Test

Impact Test Specimen Size
1:10X10mm 2:7.5X10mm 3:5.0X10mm 4:2.5X10mm

10% Oxalic Acid Etch Test - ASTM A262 Practice A
1: Step Structure 2: Dual Structure
3: Ditch Structure 4: Isolated Ferrite Rools
5: Interdendritic Ditchs 6: End Grain Pitting I.II

Cu-Cu Sulfate-Sulfuric Acid Test - ASTM A262 Practice E
G : GOOD N : NOT GOOD

Surveyor or Inspector to

General Manager of D.K.C Quality
Kwak Jung Sik

We commit ourselves to the highest Technology & Quality in all products