

HT SC 14966

304

**MILL INSPECTION CERTIFICATE**

HOT-ROLLED STAINLESS-STEEL PLATE

EN 10204 3.1



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ASTM A240/480 06b 304L	S30403	No.1
ASME SEC II SA240/480 304L	S30403	No.1

1978	F WATER COOLING	GOOD
ASTM A292 Practice E		

No.	Bundle No.	Roll No.	Heat No.	Plate No.	Product SIZE (inch)			Qty (sh)	Weight (kg)	AGS	Roughness	Permeability (%)	POSITION	DIRECTION	SIZE	Inspect Test(Charpy)			
					T	W	L									V-notch			
																1st	2nd	3rd	Avg
6	0601-0515		SC14814	PB464768-1-02	2.6	96	144	1	4,670				T	B					
7	0802-0741		IC14965	PB465435-1-01	3	96	144	1	5,484				T	B					
8	0802-0743		SC14966	PB466436-1-01	3	96	120	1	4,570				T	B					
9	0802-0742		SC14966	PB466436-1-02	3	96	120	1	4,570				T	B					
10	0603-0375		SC15446	PB476965-1-01	3	96	144	1	5,484				T	B					
					5				24,576				10	44,342					

No.	Direction	Chemical composition (%)													Practice				POSITION	DIRECTION	Tensile Test (N/mm <sup>2</sup> =MPa)				Hardness
		C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu	Ti	Nb	A	E	B	C	0.2%YS			1.0%YS	T.S	EL		
																								25	
6	L	0.017	0.38	1.80	0.038	0.004	18.37	8.26	0.14	0.044	0.16	0.34							41.8	48.8	85.2	62.2	83.7		
7	L	0.022	0.42	1.47	0.030	0.002	18.31	8.14	0.18	0.045	0.17	0.29							45.8	52.5	88.8	60.4	85.1		
8	L	0.022	0.42	1.47	0.030	0.002	18.31	8.14	0.18	0.045	0.17	0.29							45.8	52.5	88.8	60.4	85.1		
9	L	0.022	0.42	1.47	0.030	0.002	18.31	8.14	0.18	0.045	0.17	0.29							45.9	52.5	88.8	60.4	85.1		
10	L	0.021	0.37	1.63	0.029	0.003	18.24	8.10	0.12	0.044	0.15	0.41							48.5	51.7	87.0	58.0	86.9		

Mercury Free, No weld repair statement

**NO WELD REPAIRS.**  
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T: Top M: Middle B: Bottom  
 L: Longitudinal C: Crosswise

L: Ladle Analysis P: Product Analysis  
 ASTM E112 A.G.8 Test

Rectangular: A:50mm B:70mm C:100mm D:5.65-4A  
 Round: E:50mm F:70mm G:5.65-4A

1:10X10mm 2:7.5X10mm 3:5.0X10mm 4:2.5X10mm  
 (10.39X10.39mm 20.32X10.39mm 30.20X10.39mm 40.10X10.39mm)

1: Step Structure 2: Dual Structure  
 3: Ditch Structure 4: Isolated Ferrite Roots  
 5: Interdendritic Ditch 6: End Grain Pitting L3

G: GOOD N: NOT GOOD

*Chaff*