

A 2801499.



## INSPECTION CERTIFICATE

<b>Shanxi Taigang Stainless Steel CO.,LTD Member of Taiyuan Iron and Steel (Group) Co.,LTD</b> NO.2 jiancaoping, Taiyuan, Shanxi, P.R. China TEL: (0351)3013328 FAX: (0351)3017816 http://www.tisco.com.cn E_mail: tgbxg@tisco.com.cn	<b>INSPECTION CERTIFICATE</b>	
	CERTIFICATE NO.	ACB1022A-1
	MATERIAL	AISI316/AISI316L No.1 FINISH
	SPECIFICATION	ASTM A240-05/A480-05 ASME A240/A480.
HEAT TREATMENT		Solution 1050~1100 Quenching in water

CUSTOMER	CONTRACT NO. T2267	DATE OF 2008/08/25
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Product <b>HRSS PLATE</b>	Melting furnace <b>E+VOD</b>	Inspectors stamp 	Mark of the Manufacturer <b>TG, Material Grade, Heat No., Dimension</b>
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NO.	Heat No.	Package No.	Lot No.	Quantity	Dimensions (mm)	Weight (kg)
1	C3802948	80720068	8618996GX	1	31.800 × 2000 × 6096	3170
2	C1803351	807201891	8625693A	1	38.100 × 2000 × 6096	3695
3	A2801499	80710341	8626666A	1	50.800 × 2000 × 6000	4920
<b>Total:</b>				<b>3</b>		<b>11785</b>

Chemical Composition											
Heat No.	C	Si	Mn	P	S	Cr	Ni	Cu	N	Mo	Ti
C3802948	0.013	0.430	1.140	0.028	0.001	16.650	10.090		0.026	2.040	
C1803351	0.016	0.530	1.010	0.027	0.011	16.530	10.100		0.030	2.010	
A2801499	0.025	0.364	1.264	0.029	0.002	16.620	10.200		0.027	2.125	

Mechanical Properties (Test temperature :20℃)										
Test No.	Tensile R <sub>m</sub> N/mm <sup>2</sup>	R <sub>p0.2</sub> Yield <sub>0.2%</sub> N/mm <sup>2</sup>	R <sub>eL</sub> Yield <sub>0.05%</sub> N/mm <sup>2</sup>	Elongation		Hardness			Impact Test KV(J)	
				A5 (%)	A50 (%)	HB	HV	HRC		
8618996GX-T	585	281		56			79.7			
8625693A-T	565	302		58			80			
8626666A-T	595	325		58.5			81			

ASTM/ASME A240/A480/A666-05      GB 1591-2008

Work Inspector: **李忠新**

HEAT: A2801499