



浙江申吉钛业股份有限公司
ZHEJIANG SHENJI TITANIUM INDUSTRY CO., LTD

Tel: 0086 21 5872 8835

Fax: 0086 21 5372 8837

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Test Certificate

Cert. No.: SJTY-2018-08-020

Invoice No.: O/C-2018-08-287-2

Date: 10/Aug/18

PO No.: 6820

EN 10204 3.1 & Incl.

Specification:	ASTM B265-15 Gr.5			Commodity:	Titanium Plates	
Case No.	Dimension (mm)	Qty (pcs)	Qty (kgs)	Heat No.	Lot No.	Annealing Condition
18-8-92	0.100" x 36" x 96"	17	449.00	036-185	1806-59A	780°C, 50 minutes, AC

Chemical Composition (%)

Requirement	Fe	C	N	H	O	AL	V	Titanium	Residual	
	≤0.40	≤0.08	≤0.05	≤0.015	≤0.20	5.5 - 6.75	3.5 - 4.5	Remainder	Each ≤0.10	Total ≤0.40
Analysis - Top	0.150	0.030	0.022	0.0088	0.177	6.19	4.08	Remainder	< 0.10	< 0.40
Analysis - Bottom	0.152	0.025	0.028	0.0066	0.170	6.13	4.07	Remainder	< 0.10	< 0.40

Mechanical Properties

Sample code	Requirement	Tensile Strength (Mpa) Min. 895	Yield Strength, 0.2% (Mpa) Min. 828	Elongation (%) Min. 10	Bend Test 105° 5T
18-7-76	Analysis (Longitudinal)	1166	1090	11.6	Acceptable
	Analysis (Transverse)	1117	1089	13.6	
Requirement	Hardness	Grain Size	Dimension Inspection	Visual Inspection	
Results	N/A	N/A	Acceptable	Acceptable	

Note: 1. Hydrogen - Product Analysis.

2. As an ISO 9001, PED2014/68/EU and AEN100C accredited company, we hereby certify that the above mentioned materials have been manufactured, inspected, sampled and tested in full accordance with the requirements of this specification and the contract and that the results of chemical analysis, tensile, and other tests meet the requirements of this specification for the grade specified.

Any question concerning quality and quantity, please contact with us within 10 days after receipt of the cargo.

Editor:

Checker:

Approver:

SJT-SJTY/FM-8-03-18 REV.1.0

