

Certificate of Conformance

Cert Number 18728-7

4/25/2022

BODYSTEEL AND SILVER CO., LTD.
63, MOO 5, SOI WAT BANG-CO,
YAEK RONG-FOAM, KANCHANAPHISEK ROAD
BANG MA-NANG, BANG YAI
NONTABURI, TA 11140
Thailand

Sold To: BODYSTEEL AND SILVER CO., LTD., 63, MOO 5, SOI WAT BANG-CO., YAEK RONG-FOAM, KANCHANAPHISEK ROAD, BANG MA-NANG, BANG YAI, NONTABURI, TA 11140, Thailand
Ship To: BODYSTEEL AND SILVER CO., LTD., 63, MOO 5, SOI WAT BANG-CO., YAEK RONG-FOAM, KANCHANAPHISEK ROAD, BANG MA-NANG, BANG YAI, NONTABURI, TA 11140, Thailand

Customer 525/0 **Your Order** RM202201029 (1/25/2022)
Our Order 14769-1-1 **Packing List** 18728-1 (4/25/2022)

Reference

Product Information

TITANIUM 6AL7NB ROUND BAR TO ASTM F1295 LATEST REV **Heat** 1006202201-3.0 **Tag** 16220 **Pcs** 617 **KGS** 59.1
3MM DIA X 3000MM L
h9 TOLERANCE, BRIGHT SURFACE
Conform To ASTM F1295

Certificate of Conformance

- 1. All items furnished are in full compliance with purchase order and specification requirements listed, as documented on supplied Mill, Ingot or Lab Report.
- 2. The material supplied did not come in contact with Mercury or Mercury bearing instruments which are not shielded with a double barrier during processing at Titanium Industries.
- 3. No weld repair has been performed on this material during processing at Titanium Industries.
- 4. The Material supplied meets the visual and dimensional requirements of the Purchase Order
- 5. Raw Material / Product Certification with traceability to manufacturer(s) consisting of inspection test results as required, are included in this certification package.

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04/17/2022

Acc to EN10204.3.1

QUALITY CERTIFICATE OF TITANIUM PRODUCT

NO: WRTY20220329D6

合同号 Contract No	牌号 Designation No	批号 Heat No	状态 Condition	规格 Size	净重 Net Weight	技术标准 Specification			
9039TL	Ti6Al7Nb	1006202201	M	Φ3mm x 3000mm	59.1kg/617pcs	ASTM F1295-2016			
室温力学性能 Tensile Test	试样状态 Sample Condition	Rm Tensile Strength [MPa]	Rp0.2 Yield Strength 0.2% [MPa]	A(4D) Elongation [%]	Z Reduction Area[%]	a _k [J/cm ²]	HV [10/15]	弯曲实验 Bend Test	杯突值 IE Impact Strength [mm]
	M	968 /	862 /	18 /	46 /	/	/	/	/
其它 Others	外行尺寸 Dimensional Inspection	表面质量 Visual Inspection	探伤检验 Ultrasonic Inspection	低倍组织 Macrostruc ture	水(汽)压实验 Hydraulic	压扁实验 Flattening	扩展实验 Flaring	展平实验 Fairing	
	Pass	Pass	Pass	Pass	/	/	/	/	
化学成分 Chemical Composition(%)									
Ti	Al	Nb	Fe	C	O	N	H	Ta	其它元素 (Other)
Balance	6.24	6.93	0.175	0.012	0.10	0.005	0.004	<0.01	单个 (Each) <0.10 总和 (Total) < 0.40
	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/
备注 Note	Tolerance h9: +0/-0.025mm								

批准 (Approved by):

CERTIFICATE OF COMPLIANCE

CUSTOMER P.O# TAI-9002-TL,TAI-9039-TL, TAI-9079-TL	DATE SHIPPED 2022/4/14
GRADE/ALLOY : 6AL4V ELI/6AL7NB	TEMPER/COND.: Annealed
HEAT NO.: 5444232105/1006202201	SPECIFICATION: ASTM F136-2013, ASTM F1295-2016

<p>ITEM DESCRIPTION: Titanium round bar 6AL4V Eli per ASTM F136 with h9 tolerance, bright surface. Dia. 2.5mm x 3000mm (tolerance h9: +0/-0.025mm) N.W.: 225.00kgs Dia. 4.0mm x 3000mm (tolerance h9: +0/-0.030mm) N.W.: 341.20kgs Dia. 5.0mm x 3000mm (tolerance h9: +0/-0.030mm) N.W.: 106.50kgs Dia. 3.0mm x 3000mm (tolerance h9: +0/-0.025mm) N.W.: 102.5kgs Dia. 1.6mm x 2000mm (tolerance h9: +0/-0.025mm) N.W.: 39.3kgs Titanium round bar 6AL7NB per ASTM F1295 latest rev with h9 tolerance, bright surface. ✓ Dia. 3.0mm x 3000mm (tolerance h9: +0/-0.025mm) N.W.: 59.1kgs Dia. 4.0mm x 3000mm (tolerance h9: +0/-0.030mm) N.W.: 55.0kgs</p>

SEE ATTACHED EN10204 3.1 CERTIFICATE

WE HEAREBY CERTIFY THAT ITEM(S) SHIPPED ON THIS ORDER HAVE BEEN INSPECTED AND TESTED AND FOUND IN CONFORMANCE WITH THE APPLICABLE SPECIFICATIONSAND INDICATED HEREIN.PRODUCT CONFORMS TO THE REQUIREMENTS OF THE PURCHASE ORDER.

Certificate of Conformance

Cert Number 18728-11

4/25/2022

BODYSTEEL AND SILVER CO., LTD.
63, MOO 5, SOI WAT BANG-CO,
YAEK RONG-FOAM, KANCHANAPHISEK ROAD
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Customer	525/0	Your Order	Reference
Our Order	14769-2-1	Packing List	RM202201029 (1/25/2022) 18728-1 (4/25/2022)

Product Information
TITANIUM 6AL7NB ROUND BAR TO ASTM F1295 LATEST REV
4MM DIA X 3000MM L
h9 TOLERANCE, BRIGHT SURFACE
Conform To ASTM F1295

Heat
1006202201-4.0

Tag
16221

Pcs
324

KGS
55

Certificate of Conformance

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04/18/2022

Acc to EN10204.3.1 **QUALITY CERTIFICATE OF TITANIUM PRODUCT** NO: WRTY20220329D7

合同号 Contract No	牌号 Designation No	批号 Heat No	状态 Condition	规格 Size	净重 Net Weight	技术标准 Specification			
9039TL	Ti6Al7Nb	1006202201	M	∅4mm x 3000mm	55kg/324pcs	ASTM F1295-2016			
室温力学性能 Tensile Test	试样状态 Sample Condition	Rm Tensile Strength [MPa]	Rp0.2 Yield Strength 0.2% [MPa]	A(4D) Elongation [%]	Z Reduction Area[%]	a _k [J/cm ²]	HV [10/15]	弯曲实验 Bend Test	杯突值 IE Impact Strength [mm]
	M	1034 /	931 /	17.5 /	51 /	/	/	/	/
其它 Others	外形尺寸 Dimensional Inspection	表面质量 Visual Inspection	探伤检验 Ultrasonic Inspection	低倍组织 Macrostructure	高倍组织 Microstructure	水(汽)压实验 Hydraulic	压扁实验 Flattening	扩展实验 Flaring	展平实验 Fairing
	Pass	Pass	Pass	Pass	Pass	/	/	/	/
化学成分 Chemical Composition(%)									
Ti	Al	Nb	Fe	C	O	N	H	Ta	其它元素 (Other)
Balance	6.24	6.93	0.175	0.012	0.10	0.005	0.004	<0.01	单个 (Each) <0.10 总和 (Total) < 0.40
	/	/	/	/	/	/	/	/	/
	/	/	/	/	/	/	/	/	/
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