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We erased their address from this document.

Bar 3mm

Certificate No: #201300417

MILL TEST CERTIFICATE

Date: 2013/3/

Purchasing Company		/		P.I./P.O.No.	/	Batch Number	HJ2013T1461-1	
Commodity			Material	Condition	Size & Specification	Quantity	Products Standard	Temperature
Titanium Round Bar, Annealed Centerless Grinding			Gr23	M	Dia3mm x 2000-3000mm	180KGS	ASTM F136	20°C
Titanium Round Bar, Annealed Centerless Grinding					Dia4mm x 2000-3000mm	200KGS	ASTM F136	

Chemical Composition (WT. %)

TI Balance Ref. ASTM	Item Size	Fe	C	N	H	O	AL	V	Residuals	
		0.25Max	0.08 Max.	0.05 Max.	0.012 Max.	0.13 Max.	5.5-6.50	3.5-4.5	Each (≤0.1)	Total (≤0.4)
	Dia3mm x 2000-3000mm	0.11	0.020	0.018	≤0.001	0.06	6	4.1	≤0.1	≤0.4
	Dia4mm x 2000-3000mm								≤0.1	≤0.4

Mechanical Strength

Inspection Item	Tensile Strength	0.2 Yield Strength	Elongation	Reduction of area	/	/
	(Rm/Mpa)	Rp0.2/Mpa	A(%)	Z(%) min.	/	/
Requirement	860	795	10 Min	25	/	/
Dia3mm x 2000-3000mm	950	890	18	38		
Dia4mm x 2000-3000mm	935	880	16	35	/	/

Other Testing

Testing Item	Dimensional Inspection	Surface Measurement	Micro Structure	Surface Contamination	Ultrasonic Test
Result	ACCEPTABLE	ACCEPTABLE	ACCEPTABLE	ACCEPTABLE	/

Hereby certify this product conforms to all specifically listed technical requirements, and other requirements for these specifications. Furthermore, we certify that the above stated quantitative results were derived from testing and analysis and are accordance with the reference specification requirements

陕西荣源实业发展有限公司
SHAANKI RONGYUAN INDUSTRIAL DEVELOPMENT CO.,LTD.

Authorized Signature(s)