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MILL TEST CERTIFICATE

Certificate No: #20160103

Date: 2016/1/3

Purchasing Company		/		P.I./P.O.No.	/		Batch Number	HJ2016T1544-3			
Commodity			Material	Condition	Size & Specification	Quantity	Products Standard		Temperature		
Titanium wire, Acid Washing, Annealed			Gr23	M	Dia1.2mm x L.	420KGS	ASTM F 136		18°C		
Titanium wire, Acid Washing, Annealed					Dia1.6mm x L.	540KGS	ASTM F 136				
Chemical Composition (WT. %)											
TI Balance Ref. ASTM	Size	Item	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)
	Dia1.2mm x L (coil)	0.048	0.026	0.023	0.001	0.05	5.74	3.92	≤0.1	≤0.4	
Dia1.6mm x L.(coil)											
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		/		/	/	
Dia1.2mm x L. (Coil)	1075		930		22		/				
Dia1.6mm x L. (Coil)	1070		925		20		/		/	/	
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

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