



Shanghai JinXiang Machinery & Electronics Co.,Ltd

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THE CERTIFICATE OF QUALITY

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DATE: 3 January 2017

Customer: **GLOBAL WELDING COMPANY**
MOSCOW, 15 PARKOVAJA ST., 16, THE CASE 4
Invoice No.: 5849/1
N.W.(KGS): 670

This part is valid only for material falling under ISO6848-2004 Standard!

- Compliance with the order
- Compliance of Samples with Products foreseen for Order

• Product:

WL20 TUNGSTEN ELECTRODE

No.	Item	Data
1	Characteristic	WL20
2	Addition of Oxide	La ₂ O ₃ – 1.98%
3	Batch	287315
4	Diameter	1.6/2.0/2.4/3.0/3.2/4.0 mm
5	Condition of surface	Ground finished

Chemical Composition %

Actual	W	La2O3	As	Si	Al	Sb	Pb	Mg
	The Rest	2,02	0,0005	0,0005	0,0005	0,0005	0,0001	0,0005
	Sn	Mn	Ni	Cr	Co	Bi	Ti	V
	0,0001	0,0005	0,0005	0,0005	0,0001	0,0001	0,0005	0,0005
	Cd	Cu	Fe	Si	P	Mo	K	Na
	0,0001	0,0001	0,001	0,0005	0,0005	0,0016	0,0006	0,0005
C	O	Ni	-	-	-	-	-	
0,002	0,0015	0,0005	-	-	-	-	-	

Mechanical Properties of Pre-manufacture Material:

Crack test	Density	Tensile elongation	Strength	Line	Broken test
eligibility	>18.5g/cm ³	eligibility	eligibility	eligibility	eligibility

Inspector:

Q.A. Manager:

Shanghai JinXiang
Machinery & Electronics Co., Ltd
上海锦项机电有限公司

Manufacture, sale, service, export to more than 50 countries all over the world.
The electrotool, the measuring tool, the pump equipment, the equipment for welding and materials for welding, the power equipment, torches for welding and auxiliaries, electric current generators.