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Inspection No.: IN-QD-5802-150020
Certificate No.: IN-QD-5802-150020
Page: 2

SGS

Inspection Certificate [EN 10204-3.2]

Date: Feb. 15, 2015
Order No.: ZAZD14/11/00005
DT NOV. 27, 2014

Customer:

c

Supplier:

Works No. N.A.

SHAANXI YUNZHONG INDUSTRIAL DEVELOPMENT CO., LTD

Article: HOT ROLLED PLATE ASTM B265 Gr. 2 and Gr. 7 Pd min 0.06%

Technical specification/Requirements - Specifications techniques:

Material: according to: Edition:
B265 Gr. 2 ASTM B265 Gr.2 2013a
B265 Gr. 7 Pd min 0.06% ASTM B265 Gr.7 Pd min 0.06% 2013a

Extent of delivery:
Hot rolled plate ASTM B265

No.	Description(mm)	Req. Quantity	Act. Quantity
1	Hot rolled plate 30 x 1000 x 2000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	2pcs	2pcs
2	Hot rolled plate 20 x 1000 x 2000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
3	Hot rolled plate 20 x 500 x 1000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
4	Hot rolled plate 15 x 2000 x 5000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
5	Hot rolled plate 12 x 2000 x 4750 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
6	Hot rolled plate 10 x 2000 x 6000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
7	Hot rolled plate 10 x 1500 x 1500 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
8	Hot rolled plate 8 x 2000 x 6000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	4pcs	4pcs
9	Hot rolled plate 8 x 1000 x 2000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	1pc	1pc
10	Hot rolled plate 6 x 2000 x 6000 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	3pcs	3pcs
11	Hot rolled plate 6 x 1500 x 3800 Titanium grade 2 W.nr.3.7035/UNS R50400 ASTM B265	6pcs	6pcs
12	Hot rolled plate 6 x 2000 x 4000 Titanium grade 7 W.nr.3.7235/UNS R50400 ASTM B265 Modified	2pcs	2pcs

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SGS

Inspection No.: IN-QD-5802-150020
Certificate No.: IN-QD-5802-150020
Page: 2

SGS

No.	Description	Req. Quantity	Act. Quantity
13	Pd min 0.06% Hot rolled plate 8 x 1000 x 1000 Titanium grade 7 W.nr.3.7235/UNS R50400 ASTM B265 Modified Pd min 0.06%	1pc	1pc
14	Hot rolled plate 15 x 1000 x 1500 Titanium grade 7 W.nr.3.7235/UNS R50400 ASTM B265 Modified Pd min 0.06%	1pc	1pc
Total		26pcs	26pcs

Samples as blow for ASTM B265 Gr. 2 and Gr. 7 Pd min 0.06%

No.	Heat No.	Grade	Req. Quantity	Actual Quantity	Act. Size (mm)
1	Y2140903	Gr2	2pcs	1pc	10x35x250
2	Y2141019	Gr2	2pcs	1pc	8x35x250
3	Y2140814	Gr2	2pcs	1pc	8x35x250
4	Y2140728	Gr2	2pcs	2pcs	8x35x250
5	Y2140801	Gr7	2pcs	1pc	8x35x250
				1pc	8x35x250

Place
Baoji, China

Date of Inspection
Jan. 17-18, 2015

Inspector
Jiamin Dang

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Inspection No.: IN-QD-5802-150020
Certificate No.: IN-QD-5802-150020
Page: 4

SGS

Annex: Test Results

1. Tensile Test:

Test Method: ASTM A370-14

Test item	Specimen type	Tensile strength (R _m) (MPa)	Yield strength (0.2% offset) (MPa)	Elongation after fracture(A) L ₀ =50mm (%)	Con.
Req.	-	≥345	275-450	≥20	-
Result-1	Rectangular specimen	546	414	32.5	Pass
Result-2		320(≥240)	241(170-310)	45.0(≥24)	Pass
Result-3		441	361	34.0	Pass
Result-4		451	370	32.0	Pass
Result-5		468	398	29.5	Pass

Note: The results-1,3,4,5 comply with the requirement of ASTM B265-2-2013a grade 2, the result-2 comply with the client's requirement in their order for Gr. 7 Pd min 0.06%

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TEST REPORT

No. : QDIN1607003651ML
 Date : Jul 21, 2016
 Page: 3 of 3



Sample photo
 ***** End of report*****



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TEST REPORT

No. : QDIN1701000588ML
 Date : Feb 09, 2017
 Page: 1 of 3

CUSTOMER NAME: SHAANXI YUNZHONG INDUSTRY DEVELOPMENT CO.,LTD
 ADDRESS: NO.128, GAOXIN ROAD, BAOJI, 721013, SHAANXI, CHINA

Sample Name : titanium bar
 Product Specification : Dia25x300mm
 Product or Lot No. : YZ20161230
 Manufacturer : SHAANXI YUNZHONG INDUSTRY DEVELOPMENT CO.,LTD
 Buyer : Snayee Electronic Shiraz
 Material and Mark : Grade5
 Heat No. : YZBP5155-7

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Jan 24, 2017
 Testing Start Date : Jan 24, 2017
 Testing End Date : Feb 09, 2017
 Test result(s) : For further details, please refer to the following page(s)
 (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
 SGS-CSTC Standards Technical
 Services Co., Ltd. Qingdao Branch

Sandy

Sandy Shen
 Authorized signatory



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TEST REPORT

No. : QDIN1607003651ML
 Date : Jul 21, 2016
 Page: 2 of 3

1. Chemical composition analysis:

Test method: ASTM E2371-13 & GB/T 4698.14-2011 & GB/T 4698.7-2011 & GB/T 4698.15-2011

Element	C	H	O	N	Fe	Nb	Zr	Con.
Req. %	≤0.08	≤0.012	≤0.15	≤0.05	≤0.25	12.5~14.0	12.5~14.0	-
Result %	0.006	0.002	0.061	0.008	0.033	13.60	13.03	Pass

Note: 1. The results comply with the requirement of ASTM F1713-03.

2. The test was carried out by external laboratory assessed as competent.

2. Tensile Test:

Test Method: ASTM E8/E8M-15a

Test item	Specimen type	Tensile strength (R _m) (MPa)	Proof strength (R _{po.2}) (MPa)	Elongation after fracture (A) (%) L ₀ =5.65√S ₀ mm	Reduction of area (Z) (%)	Con.
Req.	-	≥550	≥345	≥15	≥30	-
Result	Round specimen	795	685	18.8	75	Pass

Note: 1. The results comply with the requirement of ASTM F1713-03 (Solution treated).

2. The test was carried out by external laboratory assessed as competent.



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TEST REPORT

No. : QDIN1701000588ML
 Date : Feb 09, 2017
 Page: 2 of 3

1. Chemical composition analysis:

Test method: ASTM E2371-13, ASTM E1941-10, GB/T 4698.7-2011, GB/T 4698.15-2011

Element	Al	V	Fe	C	N	O	H
Result %	5.88	3.74	0.1345	0.010	0.013	0.12	0.003

Note: The test was carried out by external laboratory assessed as competent.

2. Tensile Test:

Test Method: ASTM A370-16

Test item	Specimen type	Tensile strength (MPa)	Yield strength (0.2% offset) (MPa)	Elongation after fracture G=4D (%)	Reduction of area (%)
Result	Round specimen	927	856	21.5	52

3. Hardness Test:

Test Method: ASTM E18-16

Test item	Test position	Result		
HRC	Section	34.6	34.8	34.5



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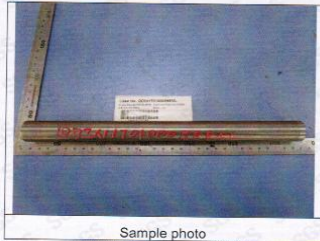


TEST REPORT

No. : QDIN1701000588ML

Date : Feb 09, 2017

Page: 3 of 3



Sample photo

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