



Industrie Service

**Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach AD 2000-Merkblatt W 0**  
**Scope of the approval - Manufacturer of material in accordance with AD 2000-Merkblatt W 0**

**Anlage zum Zertifikat Nr. / Annex to certificate no.**  
**DGR-0036-QS-W 784/2017/MUC-02 von / dated 2023-08-10**

|                               |                                      |  |   |  |                                      |   |   |
|-------------------------------|--------------------------------------|--|---|--|--------------------------------------|---|---|
| Hersteller /<br>Manufacturer: | Name:<br>Straße/Street:<br>Ort/City: | Tsingtuo Group Co., Ltd.<br>Wanwu Economic Development Zone<br>6 (( 6, P. R. China | Werk / plant:<br>Fujian TsingTuo Nickel Industry Co.,Ltd.<br>Fujian Dingxin Technology Co., Ltd.<br>Fujian Dingxin Industrial Co., Ltd.<br>Fujian Tsingtuo Industrial Co., Ltd. | Nationalität:/<br>Country:<br><b>CHN</b> | Datum:/<br>Date: Rev.0<br>2023-08-10 | Blatt-Nr./:<br>Page No.:<br>1 v. / of 2 | <b>Zertifizierungsstelle für Druckgeräte /<br/>Certification Body for pressure equipment</b><br><b>Notifizierte Stelle, Nr. / Notified Body, No. 0036</b> |
|-------------------------------|--------------------------------------|--|---|--|--------------------------------------|---|---|

| Ifd. Nr.<br>/<br>No. | Werkstoffbezeichnung<br>Werkstoff-Nr. /<br>Material Designation<br>Material Grade | Werkstoff-<br>Spezifikation /<br>Material<br>Specification |                    | Liefer-<br>zustand /<br>Delivery<br>Condition<br><br>Kürzel /<br>Code | Prüfgegenstand<br>Erzeugnisform /<br>Description<br>Product | Abmessungen /<br>Dimensions                       |                   |  |                   | Gewicht /<br>Weight   |                     | Prüfgrundlagen<br>Technische Regeln /<br>Requirements<br>Technical Rules |                 | Report Nr. / report no. 294368<br>vom / dated 2023-03-23   |
|----------------------|---|--|--------------------|---|---|---|-------------------|--|-------------------|-----------------------|---------------------|--|-----------------|--|
|                      |   | Art /<br>Spec.<br>3a                                       | Nr. /<br>No.<br>3b |   |   | Dicke /<br>Thickness<br>mm<br>von /<br>from<br>6a | bis /<br>to<br>6b | Durchm. /<br>Diameter<br>mm<br>von /<br>from<br>7a | bis /<br>to<br>7b | 1 = t<br>2 = kg<br>8a | Wert<br>value<br>8b | Art /<br>Spec.<br>9a   | Nr. / No.<br>9b | Bemerkungen /<br>Remarks<br>10   |
| 01                   | 1.4301, 1.4307, 1.4401, 1.4404,<br>1.4541, 1.4571, 1.4410, 1.4462                 | EN   | 10272              | U   | Continuous casting slab*1)                                  | 180   | 220               |  |                   | 1                     | 3                   | AD 2000  | W0              | *1) Slab size: (180~220)x(180~220)mm   |
| 02                   | 1.4301, 1.4307, 1.4401, 1.4404,<br>1.4541   | EN   | 10272              | AT / AR*2)  | Hot rolled wire rod, bar                                    |   |                   | 5,5  | 130               |                       |                     | AD 2000  | W2/W10          | *2) Verification of suitability according to<br>AD 2000-Merkblatt W 0 for hot rolled condition   |
| 03                   | 1.4571, 1.4410  | EN   | 10272              | AT / AR*2)  | Hot rolled bar  |   |                   | 65   | 130               |                       |                     | AD 2000  | W2/W10          |  |
| 04                   | 1.4462  | EN<br>TÜVV   | 10272<br>418       | AT / AR*2)  | Hot rolled bar  |   |                   | 65   | 130               |                       |                     | AD 2000  | W2/W10          | <b>Only with inspection certificate 3.2 and<br/>single expertise</b>   |
| 05                   | 1.4301, 1.4307, 1.4401, 1.4404,<br>1.4541, 1.4462                                 | EN   | 10028-7            | U   | Continuous casting slab*3)                                  | 180   | 220               |  |                   | 1                     | 25                  | AD 2000  | W0              | *3) Slab size: (180~220)x(700~1650)mm  |
| 06                   | 1.4301, 1.4307, 1.4401, 1.4404  | EN   | 10028-7            | AT  | Hot rolled coil, strip, plate                               | 2   | 100               |  |                   |                       |                     | AD 2000  | W2/W10          | 3.2 inspection certificate required if thickness<br>> 30mm   |
| 07                   | 1.4541  | EN   | 10028-7            | AT  | Hot rolled coil, strip, plate                               | 2   | 45                |  |                   |                       |                     | AD 2000  | W2/W10          | 3.2 inspection certificate required if thickness<br>> 30mm   |
| 08                   | 1.4462  | EN<br>TÜVV   | 10028-7<br>418     | AT  | Hot rolled coil, strip, plate                               | 2   | 50                |  |                   |                       |                     | AD 2000  | W2/W10          | <b>Only with inspection certificate 3.2 and<br/>single expertise</b><br><br>General note:<br>If thickness exceeds maximum thickness of<br>the standard an individual expertise and 3.2<br>inspection is mandatory. |

Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempered N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed  
 QT = vergütet / quenched and tempered CR = Temperaturregelt warmumgeformt / temperature controlled hot formed (controlled rolled) A = weichgeglüht / annealed AR = wie gewalzt / as rolled  
 a = Werkstoffbezeichnung in Spalte 10 / material designation in column 10 b = Lieferzustand in Spalte 10 / delivery condition in column 10 c = Prüfgegenstand in Spalte 10 / object in column 10  
 d = Abmessungen in den Techn. Regeln / dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 10 / technical rules reference column 10



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**Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3**  
**Scope of the approval Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3**

**Anlage zum Zertifikat Nr. / Annex to certificate no.**  
**DGR-0036-QS-W 784/2017/MUC-02 von / dated 2023-08-10**

| Hersteller /<br>Manufacturer: |   | Name:<br>Straße/Street:<br>Ort/City:                       | Tsingtuo Group Co., Ltd.<br>Wanwu Economic Development Zone<br>6 ( ) P. R. China |   | Werk / plant:<br>Fujian TsingTuo Nickel Industry Co.,Ltd.<br>Fujian Dingxin Technology Co., Ltd.<br>Fujian Dingxin Industrial Co., Ltd.<br>Fujian Tsingtuo Industrial Co., Ltd. | Nationalität:/<br>Country:<br><b>CHN</b> | Datum:/<br>Date: Rev.0<br>2023-08-10 | Blatt-Nr./<br>Page No.:<br>2 v. / of 2 | <b>Zertifizierungsstelle für Druckgeräte /<br/>Certification Body for pressure equipment</b><br><b>Notifizierte Stelle, Nr. / Notified Body, No. 0036</b> |  |    |  |           |  |
|-------------------------------|---|--|--|---|---|--|--------------------------------------|--|---|--|----|--|-----------|--|
| Ifd. Nr.<br>/<br>No.          | Werkstoffbezeichnung<br>Werkstoff-Nr. /<br>Material Designation<br>Material Grade | Werkstoff-<br>Spezifikation /<br>Material<br>Specification |  | Liefer-<br>zustand /<br>Delivery<br>Condition<br><br>Kürzel /<br>Code | Prüfgegenstand<br>Erzeugnisform /<br>Description<br>Product   | Abmessungen /<br>Dimensions              |                                      |  |   | Gewicht /<br>Weight                    |    | Prüfgrundlagen<br>Technische Regeln /<br>Requirements<br>Technical Rules<br><br>Art /<br>Spec. | Nr. / No. | Report Nr. / report no. 294368<br>vom / dated 2023-03-23 |
|                               |   | Art /<br>Spec.<br>3a                                       | Nr. /<br>No.<br>3b   |   |   | von /<br>from<br>6a                      | bis /<br>to<br>6b                    | von /<br>from<br>7a                    | bis /<br>to<br>7b   | 1 = t<br>2 = kg<br>Wert<br>value<br>8a | 8b |  |           | Bemerkungen /<br>Remarks<br><br>10                       |
| 01                            | 1.4301, 1.4307, 1.4401, 1.4404,<br>1.4541, 1.4571, 1.4410, 1.4462                 | EN   | 10272  | U   | Continuous casting slab*1)  | 180                                      | 220                                  |  |   | 1                                      | 3  |  |           | *1) Slab size:(180~220)×(180~220)mm                      |



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**Geltungsbereich der Überprüfung als Hersteller von Werkstoffen nach DGRL 2014/68/EU, Anhang I, Abschnitt 4.3**  
**Scope of the approval Manufacturer of material in accordance with PED 2014/68/EU, Annex I, Section 4.3**

**Anlage zum Zertifikat Nr. / Annex to certificate no.**  
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|                               |   |  |   |   |   |  |  |  |   |
|-------------------------------|---|--|---|---|---|--|--|--|---|
| Hersteller /<br>Manufacturer: |   | Name:<br>Straße/Street:<br>Ort/City:                       | Tsingtuo Group Co., Ltd.<br>Wanwu Economic Development Zone<br>6      ian Province, 355006, P. R. China |   | Werk / plant:<br>Fujian TsingTuo Nickel Industry Co.,Ltd.<br>Fujian Dingxin Technology Co., Ltd.<br>Fujian Dingxin Industrial Co., Ltd.<br>Fujian Tsingtuo Industrial Co., Ltd. | Nationalität:/<br>Country:<br><b>CHN</b> | Datum:/<br>Date: Rev.0<br>2023-08-10       | Blatt-Nr./:<br>Page No.:<br>2 v. / of 2                                  | <b>Zertifizierungsstelle für Druckgeräte /<br/>Certification Body for pressure equipment</b><br><b>Notifizierte Stelle, Nr. / Notified Body, No. 0036</b> |
| Ifd. Nr.<br>/<br>No.          | Werkstoffbezeichnung<br>Werkstoff-Nr. /<br>Material Designation<br>Material Grade | Werkstoff-<br>Spezifikation /<br>Material<br>Specification | Liefer-<br>zustand /<br>Delivery<br>Condition   | Prüfgegenstand<br>Erzeugnisform /<br>Description<br>Product | Abmessungen /<br>Dimensions   |  | Gewicht /<br>Weight<br><br>1 = t<br>2 = kg | Prüfgrundlagen<br>Technische Regeln /<br>Requirements<br>Technical Rules | <b>Bericht Nr. / report no. 294368</b><br><b>vom / dated 2023-03-23</b>   |
|                               |   |  |   |   | Dicke /<br>Thickness<br>mm  | Durchm. /<br>Diameter<br>mm              |  |  | Bemerkungen /<br>Remarks  |