



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 1009/2021/MUC-02 von / dated 2023-07-04

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|-------------------------------|---|--------------------|-------------------------|--------------------------|---|
| Hersteller / Manufacturer: | Name: Riva Acciaio S.p.A. – Site Sellero | Land:/ Country: | Datum:/ Date: rev. 1 | Blatt-Nr./: Page No.: | Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036 |
| | Straße/Street: Via Nazionale, 24 | IT | 2024-04-29 | 1 v. / of 3 | |
| | Ort/City: IT- 25050 Sellero (BS) | | | | |

| lfd. Nr. / No. | Werkstoffbezeichnung / Werkstoff-Nr. / Material Designation Material Grade | Werkstoff- Spezifikation / Material Specification | | Liefer- zustand / Delivery Condition | Prüfgegenstand Erzeugnisform / Description Product | Abmessungen / Dimensions | | | | Gewicht / Weight | | Prüfgrundlagen Technische Regeln / Requirements Technical Rules | | Bericht Nr. / report no. C-722305660-23-Sellero vom / dated 2023-03-15 |
|----------------------|--|--|----------------------------|---|---|-----------------------------|------------------------------|-------------------------------|-------------|---------------------|----------------|--|--------------------------|---|
| | | Art / Spec. | Nr. / No. | | | Kürzel / Code | Dicke / Thickness [mm] | Durchm. / Diameter [mm] | 1=t 2=kg | Wert value | Art / Spec. | Nr. / No. | Bemerkungen / Remarks | |
| 1 | 2 | 3a | 3b | 4 | 5 | 6a | 6b | 7a | 7b | 8a | 8b | 9a | 9b | 10 |
| 01 | S235JR (1.0038), S235J0 (1.0114), S235J2 (1.0117), S275J0 (1.0143), S275J2 (1.0145), S275JR (1.0044), S355J0 (1.0553), S355J2 (1.0577), S355JR (1.0045), St52-3 (1.0570) | EN DIN | 10025-2 17100 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 02 | 42CrMo4 (1.7225), 42CrMoS4 (1.7227) | EN EN ISO | 10083-3 683-2 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 03 | P250GH (1.0460), P265GH (1.0425), P280GH (1.0426), P295GH (1.0481), P355NH (1.0565), 16Mo3 (1.5415) | EN | 10273 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 04 | C 21 (1.0432) / A 105 | TÜVV | 399/3 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 05 | A 350 LF2 | TÜVV | 488 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 06 | P355NH (1.0565), T/W/StE355(1.0566/1.0565/1.0582) | EN TÜVV | 10222-4 354/1, 354/3 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 07 | T/W/StE500 (1.8917, 1.8937, 1.8907) | TÜVV | 358/1, 358/3 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |
| 08 | P250GH / C 22.8 (1.0460) P265GH (1.0425), P280GH (1.0426), P295GH (1.0481) | EN TÜVV DIN | 10222-2 350/3 17243 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | AD2000 TRD | W0 100 | |

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



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 1009/2021/MUC-02 von / dated 2023-07-04

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|-------------------------------|--------------------------------------|---|---------------------------------|---------------------------------------|--|---|
| Hersteller / Manufacturer: | Name: Straße/Street: Ort/City: | Riva Acciaio S.p.A. – Site Sellero Via Nazionale, 24 IT- 25050 Sellero (BS) | Land:/ Country: IT | Datum:/ Date: rev. 1 2024-04-29 | Blatt-Nr./ Page No.: 2 v. / of 3 | Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036 |
|-------------------------------|--------------------------------------|---|---------------------------------|---------------------------------------|--|---|

| lfd. Nr. / No. | Werkstoffbezeichnung / Werkstoff-Nr. / Material Designation Material Grade | Werkstoff- Spezifikation / Material Specification | | Liefer- zustand / Delivery Condition Kürzel / Code | Prüfgegenstand Erzeugnisform / Description Product | Abmessungen / Dimensions | | | | Gewicht / Weight | | Prüfgrundlagen Technische Regeln / Requirements Technical Rules | | Bericht Nr. / report no. C-722305660-23-Sellero vom / dated 2023-03-15 |
|----------------------|--|--|------------------|---|---|------------------------------|-----|-------------------------------|-----|-----------------------------------|----------------|--|--------------------------|--|
| | | Art / Spec. | Nr. / No. | | | Dicke / Thickness [mm] | | Durchm. / Diameter [mm] | | 1=t 2=kg ↓ Wert value | Art / Spec. | Nr. / No. | Bemerkungen / Remarks | |
| 1 | 2 | 3a | 3b | 4 | 5 | 6a | 6b | 7a | 7b | 8a | 8b | 9a | 9b | 10 |
| 01*) | S235JR (1.0038), S235J0 (1.0114), S235J2 (1.0117), S275J0 (1.0143), S275J2 (1.0145), S275JR (1.0044), S355J0 (1.0553), S355J2 (1.0577), S355JR (1.0045), St52-3 (1.0570) | EN DIN | 10025-2 17100 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | *) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. Bei Verwendung der Werkstoffe in Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerkes zu beachten Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen Notifizierten Stelle erforderlich. / For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge. |
| 02*) | 42CrMo4 (1.7225), 42CrMoS4 (1.7227) | EN EN ISO | 10083-3 683-2 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 03*) | 4140 | ASTM | A29 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 04*) | 4140H | ASTM | A304 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 05*) | L7, L7M | ASTM | A320 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 06*) | B7, B7M | ASTM | A193 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 07*) | 7, 7M | ASTM | A194 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 08 | P250GH (1.0460), P265GH (1.0425), P280GH (1.0426), P295GH (1.0481), P355NH (1.0565), 16Mo3 (1.5415) | EN | 10273 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |

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
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 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



Industrie Service

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 / Manufacturer: | Name: Riva Acciaio S.p.A. – Site Sellero | Land:/ Country: | Datum:/ Date: rev. 1 | Blatt-Nr./: Page No.: | Zertifizierungsstelle für Druckgeräte / Certification Body for pressure equipment Notifizierte Stelle, Nr. / Notified Body, No. 0036 |
| | Straße/Street: Via Nazionale, 24 | IT | 2024-04-29 | 3 v. / of 3 | |
| | Ort/City: IT- 25050 Sellero (BS) | | | | |

| lfd. Nr. / No. | Werkstoffbezeichnung Werkstoff-Nr. / Material Designation Material Grade | Werkstoff- Spezifikation / Material Specification | | Liefer- zustand / Delivery Condition | Prüfgegenstand Erzeugnisform / Description Product | Abmessungen / Dimensions | | | | Gewicht / Weight | | Prüfgrundlagen Technische Regeln / Requirements Technical Rules | | Bericht Nr. / report no. C-722305660-23-Sellero vom / dated 2023-03-15 |
|-------------------|---|--|----------------------------|---|---|-----------------------------|------------------------------|-----|-------------------------------|---------------------|-------------|--|----------------|--|
| | | Art / Spec. | Nr. / No. | | | Kürzel / Code | Dicke / Thickness [mm] | | Durchm. / Diameter [mm] | | 1=t 2=kg | Wert value | Art / Spec. | |
| 1 | 2 | 3a | 3b | 4 | 5 | 6a | 6b | 7a | 7b | 8a | 8b | 9a | 9b | 10 |
| 09*) | C 21 (1.0432) / A 105 | TÜVV | 399/3 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | *) To fulfil essential safety requirements of PED Annex I, for each material acc. to non harmonised standards a Particular Material Appraisal (PMA) is mandatory. Bei Verwendung der Werkstoffe in Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerkes zu beachten Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen Notifizierten Stelle erforderlich. / For the use of materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed. The specific material operating conditions have to be approved by the pressure equipment manufacturer or respectively by the Notified Body in charge. |
| 10*) | A 350 LF2 | TÜVV | 488 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 11 | P355NH (1.0565), T/W/StE355(1.0566/1.0565/1.0582) | EN TÜVV | 10222-4 354/1, 354/3 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 12*) | T/W/StE500 (1.8917,1.8937,1.8907) | TÜVV | 358/1, 358/3 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 13 | P250GH / C 22.8 (1.0460) P265GH (1.0425), P280GH (1.0426), P295GH (1.0481) | EN TÜVV DIN | 10222-2 350/3 17243 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 14*) | A 350 LF2 CI1 | ASME ASTM | SA-350 A350 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |
| 15*) | A 105 | ASME ASTM | SA-150 A150 | U | Hot rolled square billet and rounds | 96 | 120 | 100 | 160 | - | - | | | |

Explanation: AT = Lösungsgeglüht / solution annealed NT = Normalgeglüht und angelassen / normalized and tempererd N = Normalgeglüht / normalized S = Spannungsarmgeglüht / stress relieved TM = Thermomech. behandelt / thermo-mech. treated U = ungeglüht / not annealed
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