

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

Acciaierie Venete S.p.A.

Via Puisle 4

I-38051 Bolgo Valsugana (TN), Italia

has been verified and recognized as material manufacturer according to

AD 2000-Merkblatt W0

Certificate-No.: 07/203/9080/WP/1463/22

File No.: 9080AW_1463/22 / 8120212906

Production site: **Site 1: Riviera Francia 9/11, I-35127 Padova (PD)**
Site1a: Via Silvio Pellico 7/11, I-35129 Padova (PD)
Site 2: Via Antonini 82, I-25068 Sarezzo (BS)
Site 3: Via Garibaldi 5, I-25076 Odolo (BS)
Site 4: Località Breda 1, I-25070 Mura (BS)
Site 5: Passo di Napoleone 829, I 37020 Dolcè (VR)
Site 6: Via Puisle 4, I-38051 Borgo Valsugana (TN)

The scope of approval is available in the annex scope of approval.

The company fulfils the following essential requirements:

Facilities for appropriate manufacturing and testing, appropriate procedures for manufacturing of the products, qualified personnel for manufacturing and testing of the products and a quality management system with appropriate records, which ensures proper manufacture of the products, as well as compliance with the requirements specified in the material specification.

This certificate is valid until

May 2025

Hamburg, 2022-08-02



Annex: scope of approval

Material- and Welding Technology
Große Bahnstrasse 31
D - 22525 Hamburg

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E-Mail: IMWUS@tuev-nord.de

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31, D-22525 Hamburg

To verify the validity of the digital signature of the TÜV NORD Systems employee, the installation of the TÜV NORD GROUP root certificate is required: <https://www.tuev-nord.de/en/company/top-menu-links/customer-login/digital-signature/>

Geltungsbereich als Anlage zum Zertifikat / Scope of Approval as annex to Certificate

X Richtlinie 2014/68/EU, Anh. I, Pkt. 4.3 / Directive 2014/68/EU, Ann. I, Point 4.3. Zertifikat-Nr. / Certificate No.: 07/203/9080/WP/1463/22

X AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/202/9080/WZ/1463/22

| Firma / Company: | | Ort / Location: | | AZ / File No.: | SAP-Nr.: | Datum / Date: | | |
|---|--|--------------------------------------|---|--|--|---------------------------------------|---------------------------------------|---|
| ACCIAIERIE VENETE S.p.A. Via Puisse 4, 38051 Borgo Valsugana (TN), Italy | | 6 production sites (see Certificate) | | 9080AW_1463/22 | 8121026135 Rev.01 (8120212906) | 03.01.2023 | | |
| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 1 Werkstoffe nach harmonisierten Normen (2014/68/EU) / Materials according to harmonized standards (2014/68/EU) | | | | | | | | |
| 1.1.1 | Steels for fasteners A) C35E (1.1181), 21CrMoV5-7 (1.7709), 42CrMo4 (1.7225) | EN 10269 | +QT +QT +QT | Hot rolled bars/billets Hot rolled billets/bars | 65-200 30-60 | 75-200 18-80 | Directive 2014/68/EU | A) Products from PLANT OF RIVIERA FRANCIA Padova supported only for heat treatment from PLANT OF VIA SILVIO PELLICO, Padova |
| 1.1.2 | Ferritic-martensitic steels A) without 14MoV6-3 (1.7715), X20CrMoV11-1 (1.4922) | EN 10222-2 | +QT | Hot rolled bars/billets Hot rolled bars/billets | 65-200 30-60 | 75-200 18-80 | Directive 2014/68/EU | |
| 1.1.3 | Steels for elevated temp. A) P250GH, P265GH, P295GH, P355GH, P355 All grades, P460 All grades, P500QH, P690QH | EN 10273 | +N +N +N, +QT +N, +QT +N, +QT | Hot rolled bars/billets Hot rolled bars/billets | 65-200 30-60 | 75-200 18-80 | Directive 2014/68/EU | |
| 1.1.4 | Fine grain steels A) all grades | EN 10222-4 | +N, +QT | Hot rolled bars/billets Hot rolled bars/billets | 65-200 30-60 | 75-200 18-80 | Directive 2014/68/EU | |

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| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 1.2.1 | steel for fasteners C35E (1.1181) C45E (1.1191) 25CrMo4 (1.7218) 42CrMo4 (1.7225) 20Mn5 (1.1133) | EN 10269 | +N, +QT +N, +QT +QT +QT +N | Hot rolled bars/rods | 8-52 | | Directive 2014/68/EU | B) Products from PLANT OF SAREZZO (BS) |
| 1.2.2 | Ferritic weldable steels B) P250GH (1.5415) 16Mo3 (1.0460) | EN 10273 | +N +N | Hot rolled bars/rods | 8-52 | | Directive 2014/68/EU | |
| 1.4.1 | Steels for elevated temp. D) P250GH (1.0460) 16Mo3 (1.5415) | EN 10273 | +N +N | Hot rolled bars | 25-100 | | Directive 2014/68/EU | D) Products from PLANT OF ODOLO (BS) |
| 1.5.1 | Steels for fasteners E) C35E (1.1181) C45E (1.1191) 42CrMo4 (1.7225) 20Mn5 (1.1133) | EN 10269 | +N, +QT +N, +QT +QT +N | Hot rolled flat products | 5-100 | | Directive 2014/68/EU | E) Products from PLANT OF MURA (BS) |

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|---|--|------------------------------------|---|--|------------------------------|---------------------------------------|---|
| ACCIAIERIE VENETE S.p.A. Via Puisse 4, 38051 Borgo Valsugana (TN), Italy | | 9080AW_1463/22 | | 8121026135 Rev.01 (8120212906) | | 03.01.2023 | |
| Ort / Location: | | Erzeugnisform Product type | | Abmessungen Dimensions Ø / Gewicht Ø / Weight [mm] / [kg] | | Prüfgrundlagen Test specifications | |
| Spezifikation Specification | | Lieferzustand* Delivery cond. * | | Dicke Thickness [mm] | | Bemerkungen Remarks | |
| 1 | 2 | 3 | 4 | 5 | 7 / 8 | 9 | 10 |
| 1.5.2 | Ferritic steels P250GH (1.0460) 16Mo3 (1.5415) | EN 10222-2 | +N +N | Hot rolled flat products | 5-100 | Directive 2014/68/EU | |
| 1.6.1 | Steels for fasteners C35E (1.1181) C45E (1.1191) 42CrMo4 (1.7225) 20Mn5 (1.1133) | EN 10269 | +N, +QT +N, +QT +QT +N | Hot rolled flat products | 4-35 | Directive 2014/68/EU | F) Products from PLANT OF DOLCE' (VR) |
| 1.6.2 | Ferritic weldable steels 16Mo3 (1.0460) | EN 10273 | +N | Hot rolled flat products | 4-35 | Directive 2014/68/EU | |
| 2 Werkstoffe nach AD 2000 / Materials according to AD 2000 | | | | | | | |
| 2.1.1 | Ferritic steels S235, S275, S355 | EN 10025-2 1) | +U, +N | Prematerial Steel casting billets/bloom Hot rolled billets/bars Hot rolled billets/bars | up to 160 65-200 30-60 | AD 2000-Mbl. W0 | A) Products from PLANT OF RIVIERA FRANCA Padova supported only for heat treatment from PLANT OF VIA SILVIO PELLICO, Padova |
| 2.1.2 | Steels for fasteners C35E (1.1181), 21CrMoV5-7 (1.7709), 42CrMo4 (1.7225) | EN 10269 1) | +U, +N, +QT +U, +N, +QT +U, +N, +QT | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled billets/bars | up to 160 65-200 30-60 | AD 2000-Mbl. W0 | 1) Products mentioned in column 5 meet only chemical requirements in the column 3. |

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| ACCIAIERIE VENETE S.p.A. Via Puisse 4, 38051 Borgo Valsugana (TN), Italy | | 6 production sites (see Certificate) | | 9080AW_1463/22 | 8121026135 Rev.01 (8120212906) | 03.01.2023 | | |
| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 2.1.3 | Ferritic and martensitic steels without 14MoV6-3 (1.7715) and X20CrMoV11-1 (1.4922) | EN 10222-2 1) | +U, +N | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | AD 2000-Mbl. W0 | A) Products from PLANT OF RIVIERA FRANCIA Padova supported only for heat treatment from PLANT OF VIA SILVIO PELLICO, Padova |
| 2.1.4 | Steels for elevated temp. A) P250GH, P265GH P295GH, P355GH P355NH P460QH, P460NH | EN 10273 1) | +U, +N, +QT +U, +N, +QT +U, +N, +QT +U, +N, +QT | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | AD 2000-Mbl. W0 | 1) Products mentioned in column 5 meet only chemical requirements in the column 3. |
| 2.1.5 | Steels for low temp. A) 26CrMo4 (1.7219) 11MnNi5-3 (1.6212) 13MnNi6-3 (1.6217) | EN 10216-4 1) | +U, +N +U, +N +U, +N | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | AD 2000-Mbl. W0 | |
| 2.1.6 | Fine grain steels A) all grades all grades all grades | EN 10216-3 1) EN 10222-4 1) EN 10028-3 1) | +U, +N +U, +N +U, +N | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | AD 2000-Mbl. W0 | |
| 2.1.7 | VdTÜV-Materials A) C 22.8 - 1.0460 C 21 - 1.0432 A 350 LF 2 | VdTÜV 350/3 1) VdTÜV 399/3 1) VdTÜV 488 1) | +U, +N +U, +N +U, +N | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | AD 2000-Mbl. W0 | |

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| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 2.2.1 | Ferritic steels S235, S275, S355 B) | EN 10025-2 1) | +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | AD 2000-Mbl. W0 | B) Products from PLANT OF SAREZZO (BS) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. |
| 2.2.2 | Steels for fasteners C35E (1.1181), C45E (1.1191), 25CrMo4 (1.7218), 42CrMo4 (1.7225), 20Mn5 (1.1133) B) | EN 10269 1) | +U, +N, +A +U, +N, +A +U, +N, +A +U, +N, +A +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | AD 2000-Mbl. W0 | |
| 2.2.3 | Ferritic weldable steels P250GH (1.5415), 16Mo3 (1.0460) B) | EN 10273 1) | +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | AD 2000-Mbl. W0 | |
| 2.2.4 | VdTÜV-Materials C21/A105 C22.8 C22.3 B) | VdTÜV 399/3 1) VdTÜV 350/3 1) VdTÜV 364 1) | +U, +N, +A +U, +N, +A +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | AD 2000-Mbl. W0 | |
| 2.3.1 | Structural steels S235, S275, S355 C) | EN 10025-2 1) | +U | Prematerial Billets and blooms from continuous casting | up to 160 | up to 180 | AD 2000-Mbl. W0 | C) PLANT OF BORGO VALSUGANA (TN) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. |

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| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 | |
| 2.3.2 | Steels for elevated temperatures P250GH (1.0460), 16Mo3 (1.5415) | EN 10222-2 1) EN 10273 1) | +U +U | Prematerial Prematerial Billets and blooms from continuous casting | up to 160 | up to 180 | AD 2000-Mbl. W0 | C) PLANT OF BORGO VALSUGANA (TN) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. | |
| 2.4.1 | Steels for elevated temp. D) P250GH (1.0460) 16Mo3 (1.5415) | EN 10273 | +N +N | Hot rolled bars | 25-100 | 20-90 | AD 2000-Mbl. W13 | D) Products from PLANT OF ODOLO (BS) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. | |
| 2.4.2 | Structural steels S235, S275, S355 | EN 10025-2 | +N | Hot rolled bars/billets Hot rolled flat products | 25-100 7-67 | 20-90 | AD 2000-Mbl. W13 | | |
| 2.5.1 | Ferritic steels S235, S275, S355 | EN 10025-2 1) | +U | Prematerial Hot rolled flat products | 5-100 | | AD 2000-Mbl. W0 | E) Products from PLANT OF MURA (BS) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. | |
| 2.5.2 | Steels for fasteners C35E (1.1181), C45E (1.1191), 42CrMo4 (1.7225), 20Mn5 (1.1133) | EN 10269 1) | +U +U +U +U | Prematerial Hot rolled flat products | 5-100 | | AD 2000-Mbl. W0 | | |

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| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 2.5.3 | Ferritic steels E) P250GH (1.0460), 16Mo3 (1.5415) | EN 10222-2 1) | +U | Prematerial Hot rolled flat products | 5-100 | | AD 2000-Mbl. W0 | E) Products from PLANT OF MURA (BS) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. |
| 2.6.1 | Ferritic steels F) S235, S275, S355 | EN 10025-2 1) | +U | Prematerial Hot rolled flat products | 4-35 | | AD 2000-Mbl. W0 | F) Products from PLANT OF DOLCE' (VR) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. |
| 2.6.2 | Steels for fasteners F) C35E (1.1181) C45E (1.1191) 42CrMo4 (1.7225) 20Mn5 (1.1133) | EN 10269 1) | +U +U +U +U | Prematerial Hot rolled flat products | 4-35 | | AD 2000-Mbl. W0 | |
| 2.6.3 | Ferritic weldable steels F) 16Mo3 (1.0460) | EN 10273 1) | +U, +N, +A | Prematerial Hot rolled flat products Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | 4-35 up to 160 65-200 30-60 | 200-600 75-200 18-80 | AD 2000-Mbl. W0 | |

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| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 | |
| 3 | Werkstoffe nach anderen Standards, Technische Regeln / Materials according to other standards, technical rules | | | | | | | | |
| 3.1.1 | Unalloyed steels | A) ISO 683-1 1) | +U, +N, QT | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | 2) | A) Products from PLANT OF RIVIERA FRANCIA Padova supported only for heat treatment from PLANT OF VIA SILVIO PELLICO, Padova | |
| 3.1.2 | Alloyed steels | A) ISO 683-2 1) ISO 683-3 1) ISO 683-4 1) ISO 683-5 1) | +U, +N, +QT | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | 2) | 1) Products mentioned in column 5 meet only chemical requirements in the column 3. 2) For information only: | |
| 3.1.3 | Ferritic steels | A) EN 10267 1) | +U, +N | Prematerial Steel casting billets/bloom Hot rolled bars/billets Hot rolled bars/billets | up to 160 65-200 30-60 | 200-600 75-200 18-80 | 2) | In case of use in directive 2014/68/EU or AD 2000 a Particular Material Appraisal (PMA) is necessary. | |
| 3.1.4 | ASTM Materials | A) | | Prematerial Steel casting billets, blooms | up to 600 up to 160 | up to 600 200-600 | 2) | | |
| | all grades | ASTM A182 1) | +U | | | | | | |
| | all grades | ASTM A193 1) | +U, +QT | | | | | | |
| | all grades | ASTM A194 1) | +U, +QT | | | | | | |
| | all grades | ASTM A266 1) | +U | | | | | | |
| | all grades | ASTM A320 1) | +U, +QT | | | | | | |
| | all grades | ASTM A350 1) | +U | | | | | | |
| | all grades | ASTM A694 1) | +U | | | | | | |
| | all grades | ASTM A707 1) | +U | | | | | | |

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| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 3.1.5 | Steel-Alloy (4130 Modified) A) | 1E1058 1i) | +A, +U | Prematerial Hot rolled bars/billets | 65-200 | 75-200 | 2) | 1i) customer specification 1E1058 Rev 09 (chemical, hardness, grain size) |
| 3.2.1 | Ferritic steels S185, S450 | EN 10025-2 1) | +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | 2) | B) Products from PLANT OF SAREZZO (BS) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. 2) <u>For information only:</u> In case of use in directive 2014/68/EU or AD 2000 a Particular Material Appraisal (PMA) is necessary. |
| 3.2.2 | Unalloyed steels all grades | ISO 683-1 1) | +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | 2) | |
| 3.2.3 | Alloyed steels all grades all grades | ISO 683-2 1) ISO 683-3 1) | +U, +N, +A +U, +N, +A | Prematerial Steel casting billets Hot rolled bars/rods | 160-392 | 8-52 | 2) | |
| 3.3.1 | Low alloyed steels All grades | ISO 683-1 1) | +U | Prematerial Billets and blooms from continuous casting | Up to 160 | Up to 180 | 2) | C) PLANT OF BORGO VALSUGANA (TN) |
| 3.3.2 | Alloyed steels all grades All grades | ISO 683-2 1) ISO 683-3 1) | +U +U | Prematerial Billets and blooms from continuous casting | Up to 160 | Up to 180 | 2) | |

Geltungsbereich als Anlage zum Zertifikat / Scope of Approval as annex to Certificate

Richtlinie 2014/68/EU, Anh. I, Pkt. 4.3 / Directive 2014/68/EU, Ann. I, Point 4.3. Zertifikat-Nr. / Certificate No.: 07/203/9080/WP/1463/22

AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/202/9080/WZ/1463/22

| Firma / Company: | | Ort / Location: | | AZ / File No.: | SAP-Nr.: | Datum / Date: | | |
|---|--|--|------------------------------------|--|--|---------------------------------------|---------------------------------------|---|
| ACCIAIERIE VENETE S.p.A. Via Puisse 4, 38051 Borgo Valsugana (TN), Italy | | 6 production sites (see Certificate) | | 9080AW_1463/22 | 8121026135 Rev.01 (8120212906) | 03.01.2023 | | |
| Nr. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 3.3.3 | C) C21/A105 | ASTM A 105 1) | +U | Prematerial Billets and blooms from continuous casting | Up to 160 | Up to 180 | 2) | C) PLANT OF BORGIO VALSUGANA (TN) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. 2) <u>For information only.</u> In case of use in directive 2014/68/EU or AD 2000 a Particular Material Appraisal (PMA) is necessary. |
| 3.3.4 | C) A350LF2 | ASTM A 350 1) | +U | Prematerial Billets and blooms from continuous casting | Up to 160 | Up to 180 | 2) | |
| 3.4.1 | D) Low alloyed steels all grades | ISO 636-1 | +N | Hot rolled bars/billets Hot rolled flat products | 25-100 7-67 | 20-90 | 2) | D) Products form PLANT OF ODOLO (BS) |
| 3.4.2 | D) Alloyed Steels all grades | ISO 636-2 | +N | Hot rolled bars/billets Hot rolled flat products | 25-100 7-67 | 20-90 | 2) | |
| 3.5.1 | E) VdTÜV-Materials C21/A105 C22.8 C22.3 | VdTÜV 399 1) VdTÜV 350/3 1) VdTÜV 364 1) | +U +U +U | Prematerial Hot rolled flat products | 5-100 | | 2) | E) Products from PLANT OF MURA (BS) |

Geltungsbereich als Anlage zum Zertifikat / Scope of Approval as annex to Certificate

X Richtlinie 2014/68/EU, Anh. I, Pkt. 4.3 / Directive 2014/68/EU, Ann. I, Point 4.3. Zertifikat-Nr. / Certificate No.: 07/203/9080/WP/1463/22

X AD 2000-Merkblatt W 0 / AD 2000-Merkblatt W 0 Zertifikat-Nr. / Certificate No.: 07/202/9080/WZ/1463/22

| Firma / Company: | | Ort / Location: | | AZ / File No.: | SAP-Nr.: | Datum / Date: | |
|---|--|--------------------------------------|--|----------------|-----------------------------------|---------------|--|
| ACCIAIERIE VENETE S.p.A. Via Puisse 4, 38051 Borgo Valsugana (TN), Italy | | 6 production sites (see Certificate) | | 9080AW_1463/22 | 8121026135 Rev.01 (8120212906) | 03.01.2023 | |

| Nr. No. | Werkstoffbezeichnung Material designation | Spezifikation Specification | Lieferzustand* Delivery cond. * | Erzeugnisform Product type | Abmessungen Dimensions | | Prüfgrundlagen Test specifications | Bemerkungen Remarks |
|------------|--|--------------------------------|------------------------------------|---|----------------------------|--|---------------------------------------|--|
| | | | | | Dicke Thickness [mm] | Ø / Gewicht Ø / Weight [mm] / [kg] | | |
| 1 | | 3 | 4 | 5 | 6 | 7 / 8 | 9 | 10 |
| 3.5.2 | Ferritic steels S185, S460 E) | EN 10025-2 1) | +U | Prematerial Hot rolled flat products | 5-100 | | 2) | |
| 3.6.1 | Ferritic steels S185, S460 F) | EN 10025-2 1) | +U | Prematerial Hot rolled flat products | 4-35 | | 2) | F) Products from PLANT OF DOLCE' (VR) 1) Products mentioned in column 5 meet only chemical requirements in the column 3. 2) <u>For information only:</u> In case of use in directive 2014/68/EU or AD 2000 a Particular Material Appraisal (PMA) is necessary. |
| 3.6.2 | Unalloyed steels all grades F) | ISO683-1 1) | +U, +N, +A | Prematerial Hot rolled flat products | 4-35 | | 2) | |
| 3.6.3 | Alloyed steels all grades all grades F) | ISO 683-2 1) ISO 683-3 1) | +U, +N, +A +U, +N, +A | Prematerial Hot rolled flat products | 4-35 | | 2) | |

Erläuterung / Explanation:

* +AT = Lösungsgeglüht / solution annealed, +N = normalgeglüht, normalisierend umgeformt / normalized forming, +U = unbehandelt / untreated, +NT = normalgeglüht und angelassen / normalized and tempered, +QT = vergütet / quenched and tempered,

+M = thermomechanisch umgeformt / thermo mechanical formed, +AR = wie gewalzt / as rolled, +SR = spannungsarmgeglüht / stress relieved, +A = weichgeglüht / soft annealed, +CR = kaltgewalzt / cold rolled (weitere Symbole / other symbols: EN 10027-1, Tab. 18)