



Certificate No : MD00/0041/0008/1

ACCIAIERIE VALBRUNA S.P.A.
Viale Della Scienza, 25 z.i.
36100 Vicenza
Italy

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

Steelmaking, Semi-Finished Products and Bars

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 31 May 2020
Date of Issue : 27 July 2017

A handwritten signature in blue ink, appearing to read "Colin Waylen", is positioned above a horizontal line.

Colin Waylen

Principal Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



Certificate No : MD00/0041/0008/1

Appendix 1

ACCIAIERIE VALBRUNA S.P.A.

Viale Della Scienza, 25 z.i.

36100 Vicenza

Italy

| Steelmaking | E.A.F./Ingot/Con Cast | Grades | |
|------------------------|-----------------------|---|----------------------|
| | | As below | |
| Semi-Finished Products | Ingots (tonnes) | Grades | tonnes Maximum |
| As cast | - | carbon, carbon-manganese, alloy, austenitic stainless, duplex stainless | 10.0 |
| Semi-Finished Products | Billets | Grades | mm thickness Maximum |
| As cast | - | carbon, carbon-manganese, alloy, austenitic stainless, duplex stainless | 220.0 |
| Bars | Machinery | Grades | mm thickness Maximum |
| Precipitation Hardened | - | precipitation hardened stainless* | 155.0 |
| Quenched and Tempered | - | martensitic stainless* | 155.0 |
| Solution Treated | - | austenitic stainless | 155.0 |
| Solution Treated | - | duplex stainless | 205.0 |

* Accepted for approved applications

Approval for Precipitation Hardened Stainless Machinery Bar is for Grade 17.4 PH, approval for Martensitic Stainless Machinery Bar is for Grade 431 and Grade 1.4418 Quenched and Tempered.

Duplex Stainless Steel bars are not approved for use in welded construction, and weld repair is not permitted.

Approval of Con cast material is for the production of Austenitic Stainless Steels only.

Ingots with nominal maximum dimensions 600mm x 530mm x 2060mm.

Billets with maximum width 220mm x maximum length 6500mm to the above maximum thickness.

Valid Until : 31 May 2020

Date of Issue : 27 July 2017

Colin Waylen

Principal Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group



Certificate No : MD00/0041/0009/3

ACCIAIERIE VALBRUNA S.P.A.
Viale Della Scienza, 25 z.i.
36100 Vicenza
Italy

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

**Forgings in carbon, carbon-manganese, alloy, austenitic stainless, duplex stainless and precipitation hardened stainless* steel
(maximum weight 5.5 tonnes)**

*** Accepted for approved applications**

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 01 June 2020
Date of Issue : 27 July 2017

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