

Approval of Material Manufacturers  
*Zulassung von Werkstoffherstellern*



This is to certify that the works of  
*Hiermit wird bescheinigt, dass die Firma*

**ACCIAIERIE VALBRUNA S.P.A.  
VICENZA  
ITALY**

has been subjected to an approval test in accordance with the Society's Rules with satisfactory results and is approved for the manufacture of the following products:

*einer Zulassungsprüfung nach den Vorschriften des Germanischen Lloyd unterzogen wurde und für die Herstellung folgender Erzeugnisse zugelassen ist:*

***Stainless Steels  
In accordance with the GL-Rules for Metallic Materials,  
Chapter 2, Section 1.G***

***Martensitic Stainless Steels  
for applications considered to be subject to special approval***

This approval is granted provided that all products intended to be used for the construction of ships or installations classed with Germanischer Lloyd comply in every respect with the Society's Rules and Requirements.

*Die Zulassung erfolgt unter der Voraussetzung, dass alle Erzeugnisse, die zum Bau von Schiffen und Anlagen mit Klasse des Germanischen Lloyd bestimmt sind, die Vorschriften des Germanischen Lloyd in jeder Hinsicht erfüllen.*

Certificate of approval No.  
*Zulassungsbescheinigung Nr.*

WZ 1234 HH 3

This Certificate is valid until:  
*Diese Bescheinigung ist gültig bis:*

2014-09-30

Part of the approval is our letter of approval ref. no. 101021-11 of 2011-08-31.  
*Bestandteil der Zulassung ist das Zulassungsansprechen, Tgb.-Nr. 101021-11 vom 2011-08-31.*

Hamburg, 2011-08-31

**Germanischer Lloyd**

i.k. Michael Kühnel

i.O. Oliver Krömer



Certificate No : MD00/0041/0006/1

**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 : 02 June 2014**  
**Date of Issue : 31 January 2012**

**R Marsh**

Metallurgical Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register Group

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Certificate No : MD00/0041/0006/1

Appendix 1

**ACCIAIERIE VALBRUNA S.P.A.**

Viale Della Scienza, 25 z.i.

36100 Vicenza

Italy

<b>Steelmaking</b>	<b>E.A.F./Ingot/Con Cast</b>	<b>Grades</b>	
		As below	
<b>Semi-Finished Products</b>	<b>Ingots</b>	<b>Grades</b>	<b>tonnes Maximum</b>
As cast	-	carbon, carbon-manganese, alloy, austenitic stainless, duplex stainless	10.0
<b>Semi-Finished Products</b>	<b>Billets</b>	<b>Grades</b>	<b>mm thickness Maximum</b>
As cast	-	carbon, carbon-manganese, alloy, austenitic stainless, duplex stainless	220.0
<b>Bars</b>	<b>Machinery</b>	<b>Grades</b>	<b>mm thickness Maximum</b>
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

**Valid Until : 02 June 2014**  
**Date of Issue : 31 January 2012**

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**Certificate No : MD00/0041/0006/1**

**Appendix 2**

**ACCIAIERIE VALBRUNA S.P.A.**

**Viale Della Scienza, 25 z.i.**

**36100 Vicenza**

**Italy**

**\* 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 as semi finished products nominal maximum dimensions 600mm x 530mm x 2060mm to the above maximum weight are accepted for further processing for rolled products and forgings.**

**Billets as semi finished products nominal maximum width 220mm x nominal maximum length 6500mm to the above maximum thickness are accepted for further processing for rolled products and forgings.**

**Valid Until : 02 June 2014  
Date of Issue : 31 January 2012**

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Certificate No : MD00/0041/0006/3

**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 and austenitic stainless steel**  
**( maximum weight 5.5 tonnes )**

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 : 02 June 2014**  
**Date of Issue : 25 January 2012**

**R Marsh**

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**Lloyd's  
Register**