



ACCIAIERIE VALBRUNA

High quality is our standard



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

ACCIAIERIE VALBRUNA S.p.A.
Viale Della Scienza, 25 - 36100 Vicenza - Italy
Via A. Volta, 4 - 39100 Bolzano - Italy

has been approved by Lloyd's Register Quality Assurance Limited, Coventry, UK, to the following Quality Management System Standards:

**ISO 9001:2008
AS 9100 Revision C**

This certification has been performed in accordance with the requirements of EN 9104:2006
The Quality Management System is applicable to:

Manufacture and sales of stainless steel, alloy steel, nickel alloy and titanium, carbon steel, in ingots, billets, rolled bars, forged bars, wires, wirerods and forgings as per client specification.

Approval Certificate No: LRC 0160080/ASA
Original ISO Approval: 10th August 1993
Original ASCS Approval: 3rd March 2012
Current Certificate: 3rd March 2012
Certificate Expiry: 2nd March 2015

Vincento Pavan
Issued by: Lloyd's Register Quality Assurance Limited



This document is subject to the provision on the reverse
71 Fenchurch Street, London EC3A 4BS United Kingdom. Registration number 1879370
This approval is carried out in accordance with the UKAS assessment and certification procedures and monitoring by UKAS.
The use of the UKAS Accreditation Mark indicates compliance or approval of those activities covered by the Accreditation Certificate Number 001



In accordance with SAE Aerospace Standard AS7003, to the revision in effect at the time of the audit, this certificate is granted and awarded by the authority of the Nadcap Management Council to:

Valbruna Slater Stainless

2400 Taylor Street West
Fort Wayne, IN 46801
United States

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.auditnet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Materials Testing

Certificate Number: 0929143347
Expiration Date: 31 October 2014

Joseph G. Pinto

Joseph G. Pinto
Vice President and Chief Operating Officer

Performance Review Institute (PRI) | 161 Thorn Hill Road | Warrendale, PA 15086-7527

**Quality Management System
approved to
AS9100, REVISION C
for Italian mills**

**MTL Nadcap
accreditation
for US mill**

AEROVAL[®]

Aerospace special grades



Alenia Aeronautica

A Finmeccanica Company

B1 Qualification for the production
of Stainless Steels and Titanium bars

BOMBARDIER

Approved supplier for 1.4542 and
1.4545 as per AMS 5643 and
AMS 5659 material specification

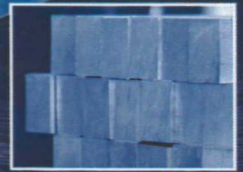
Austenitic, Martensitic, PH Stainless Steels, High Nickel & Titanium Alloys

Aeroval® grades' designations

Valbruna	Steel Type	UNS	EN	AFNOR	AECMA	BS
V155	PH S.Steel	S15500	1.4545 / X5CrNiCuNb15-5	EZ5CNU15-04	FE-PM64 / FE-PM1802	-
V174	PH S.Steel	S17400	1.4542 / X5CrNiCuNb16-4	Z5CNU17-04	FE-PM61 / FE-PM3801	-
			1.4548 / X5CrNiCuNb17-4-4	EZ5CNU17-04	FE-PM65 / FE-PM3803	-
X122MV	Martensitic S. Steel	S64152	1.4939 / X12CrNiMoN12	Z12CNDV12	FE-PM37 / FE-PM1502	-
CMXC	Martensitic S. Steel	S44004	1.4125 / X105CrMo17	Z100CD17	-	-
			1.3544 / X105CrMo17	EZ100CD17	FE-PM44 / FE-PM3502	-
X154MU/2	PH S.Steel	~S45000	1.4594 / X5CrNiMoCuNb14-5	-	-	S143/144/145
AN5	Fe-base superalloy	S66286	1.4980 / 1.4944 / X6NiCrTiMoVB25-15-2	EZ6NCT25	FE-PA92HT / FE-PA 2601	-
GL3	Ni-base superalloy	N06625	2.4856 / NiCr22Mo9Nb	NC22DNb	Ni-P97HT / Ni-PH3601	-
AIST	Austenitic S. Steel	S32100	1.4541 / 1.4544 / X6CrNiTi18-10	Z6CNT18-10	FE-PA13 / FE-PA3601	-
AISC	Austenitic S. Steel	S34700	1.4550 / 1.4546 / X6CrNiNb18-10	Z6CNNb18-10	FE-PA14 / FE-PA3701	~S130
TI-GR5	Alpha-Beta Ti-Alloy	R56400	3.7164 / Ti6Al4V	TiA6V	Ti-P64001	-
VD40VAR	High Strength Alloy Steel	G43400	~ 1.6944 / ~ 40NiCrMo6	-	FE-PL 77 S	-

AEROVAL®
Aerospace special grades

Squares



Hexagons



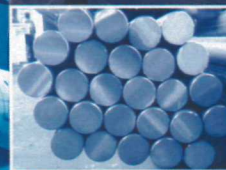
Wire



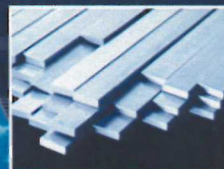
Wire Rod



Rounds



Flats



ESR/VAR
Remelted
Ingots



CC-ESRR
Remelted
Billets



ACCIAIERIE VALBRUNA

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