



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
 Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
 Telephone number : 0039 (0) 444968211

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Cliente / Desteller/Purchaser/Client
VALBRUNA NORDIC AB
LOVARTSGATAN 7
65221-KARLSTAD - SWEDEN-SE

Avviso di Spedizione: D-VI14030590
 Lieferanzeige/Packing list/B.L.

Certificato nr: MEST576625/2014/
 Prüfung/Test/Essai

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
 Hersteller/Item/Usine produtrice

Ordine nr: R31372 R31372
 Bestell/Your order/Commande

Conferma ordine nr: EI14009546
 Werks/Our Order/Ref nr.

Marchio di Fabbrica:
 Zeichen aus Lieferwerk
 Trade mark
 Sigle de l'usine produtrice



Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
 Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
 Erschmelzungsart/Melting process/Mode d'elaboration

Punzone del Collaudatore:
 Stempel des Werkssachverständigen
 Inspector's stamp/Foinçon de l'assesseur

Specifiche:
 Anforderungen / Requirements / Exigences

VAL STOCK 2010 1.4307/304L A
 ASME SA182 2013 S30400 A (0)
 ASME SA276 2013 S30400 A (3)
 ASME SA479 2013 S30400 A (6)
 ASTM A182 2012B S30403 A (9)
 ASTM A276 2013A S30400 A
 ASTM A479 2013A S30400 A
 EN 10088-3 2005 1.4301 A
 EN 10272 2007 1.4307 A
 NACE MR0175 2009 S30400 A (A)

AISI 304
 ASME SA182 2013 S30403 A (1)
 ASME SA276 2013 S30403 A (4)
 ASME SA479 2013 S30403 A (7)
 ASTM A193 2011A B8 CLASS1
 ASTM A276 2013A S30403 A
 ASTM A479 2013A S30403 A
 EN 10088-3 2005 1.4307 A
 NACE MR0103 2010 S30400 A
 NACE MR0175 2009 S30403 A (B)

AISI 304L
 ASME SA193 2013 B8 CLASS1 (2)
 ASME SA320 2013 B8 CLASS1 (5)
 ASTM A182 2012B S30400 A (8)
 ASTM A262 2013 PRACTICE E
 ASTM A320 2011A B8 CLASS1
 DIN 17440 96 1.4301 A
 EN 10272 2007 1.4301 A
 NACE MR0103 2010 S30403 A

- (0) SECTION II PT.A 2013 EDITION
- (1) SECTION II PT.A 2013 EDITION
- (2) SECTION II PT.A 2013 EDITION
- (4) SECTION II PT.A 2013 EDITION
- (6) SECTION II PT.A 2013 EDITION
- (8) For products machined directly from bar refer also
- (9) For products machined directly from bar refer also
- (A) ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15
- (B) ANSI/NACE MR0175/ISO 15156-3, second edition 2009-10-15

- (0) For products machined directly from bar refer to ASME SA479.
- (1) For products machined directly from bar refer to ASME SA479.
- (3) SECTION II PT.A 2013 EDITION
- (5) SECTION II PT.A 2013 EDITION
- (7) SECTION II PT.A 2013 EDITION
- (8) to ASTM A479.
- (9) to ASTM A479.
- (A) Technical circular 1:2011 Published 2011-06-14
- (B) Technical circular 1:2011 Published 2011-06-14

Qualità: 1.4301/1.4307/304/304L
 Werkstoff/Grade/Nuance

Marca: AISL	Tolleranza: Tol. DIN 1017 Tolleranz./Allowance/Tolerance	Punzonatura: 1.4301/7/304/L Kennzeichnung/Marking/Marquage					
Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descrip. du produit	Dimensioni - mm Abmessungen Dimension Dimension	Lunghezza - mm Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pieces	Peso - KG Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0010	Flat	50,000 x 20,000	6000 / 6220	265268		1398,0	418904100

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf lieferbarem produkt test a l'etat de fourniture Prueba sobre el material asi como entregado

TEST	Provetta/Probetab Specimen/Eprouvette Larg. diam. Spéc. Brette Diam. Dicke Width Diam. Thickness Larg. diam. épais mm	°C	Posiz. Saggio Probenlage Location Emplacement 1)	Snervamento Streckgrenze Yield Stress Limite élastique Rp 0,2% N/mm2	Snervamento Streckgrenze Yield Stress Limite élastique Rp 1% N/mm2	Resistenza Zugfestigkeit Tensile strength Résistance à traction Rm N/mm2	Allungamento Bruchdehnung Elongation Allongement		Strizione Einschnürung Reduction of area Striction		Resilienza Kerbschlagarbeit Impact Value Resilience			Durezza Haerte Hardness Durete	
							A5 %	E 4d %	Z %	RA %	KV J			HB	
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max		205	230	515 680	45	40	-	50	100			-	
A	10	20	L	320	378	621	48	51	70	70	236	240	241	185	

TEST	min	max
B Grain size for ASTM E112		6

1)L=longitudinale/längs, T=trasversale/quer, Q=Tangenziale/tangential

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max	0,030	1,00	2,00	18,00 19,50	8,00 10,00	0,045	0,030	0,100	-	-	-	-	-	-
	C %	Si %	Mn %	Cr %	Ni %	P %	S %	N %							
265268	0,022	0,37	1,69	18,56	8,08	0,032	0,027	0,100							

Intergranular corrosion test per ASTM A262 pract. E: ok.
 Absence of cracks at 20 x magnification after bend test.
 I.Korrosion nach EN ISO 3651-2A Sensibilisierung : T1 : OK



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephone number : 0039 (0) 444968211

Cliente / Besteller/Purchaser/Client
VALBRUNA NORDIC AB
LOVARTSGATAN 7
65221-KARLSTAD - SWEDEN-SE

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine produtrice

Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Corrosion test per EN ISO 3651-2A sensitized T1 : OK

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind it. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le materiel à été trouvé conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spectralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimelange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks satisfactory
Contrôle visuel et dimensions: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1,s.,4.3 by TUEV and LLOYD`S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/ or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI14030590
Lieferanzeige/Packing list/B.L.

Ordine nr: R31372 R31372
Bestell/Your order/Commande

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d`elaboration

Certificato nr: MEST576625/2014/
Prüfung/Test/Essai

Conferma ordine nr: EI14009546
Werks/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l`usine produtrice

Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector`s stamp/Poinçon de l`essayeur



Vicenza, 25/09/14

VCC008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L`agent d`usine

M. Rizzotto

Pagina - 2 di 2