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 Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4/37
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Cliente / Besteller/Purchaser/Cliënt

VALBRUNA U.K. LTD.
 OLDBURY ROAD
 B70 9BH - WEST BROMWICH B70 9BH GB - GB

Produttore : ACCIAIERIE VALBRUNA S.P.A.

Hersteller/Item/Usine productrice

Stato di fornitura : Hot rolled - Annealed Cold Drawn
 Lieferzustand / Delivery state
 Etat de livraison

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione:
 Lieferanzeige/Packing list/B.L. D-VI15018681

Ordine nr: 412046422 CMP
 Bestell
 Your order
 Commande

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

Certificato nr: MEST715153/2015/
 Prüfung/Test/Essai:

Conferma ordine nr: E114012886
 Werks/Our Order/Ref. nr.

Marchio di Fabbrica:
 Zeichen des Lieferwerkes
 Trade mark
 Sigle de l'usine productrice



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

MR

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max	0,030 1,00	1,25 2,00	16,50 18,00	2,00 2,50	- 1,00	10,00 13,00	- 0,040	- 0,030	- 0,100	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	P %	S %	N %				
267057	0,019	0,49	1,49	16,79	2,03	0,56	10,13	0,028	0,027	0,066				

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

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

- Reduction ratio = 7,9 : 1

Sono state soddisfatte tutte le condizioni richieste

Die gestellten Anforderungen sind in Anlage erfüllt
 The material has been furnished in accordance with the requirements
 Le matériel a été trouvé conforme aux exigences

Controllo antimiscelanza: OK

Verwechslungsprüfung: spectralanalytisch durchgeführt
 Antimixing testing performed: OK
 Contrôle antimélange fait: r a. s.

Controllo visivo e dimensionale: soddisfa le esigenze

Besichtigug 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.

Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

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.

Vicenza, 01/07/15

VCQ008

(Mod. MCE2) VBP745CE2BF70C7418E646337DB4070E84D

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

M. Rizzotto

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FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL