ERRE.DI SRL



Via Dei Lavoratori, 15 20092 CINISELLO BALSAMO MILANO (ITALY) PHONE+39 02 66040229 / 66047168 FAX +39 02 6128041

CLIENT:

DESMET BALLESTRA SPA MILANO " CERTIFICATE DOSSIER "

ORDER N° 102028

DATED 02/11/2010

POSITION N° 10-20-30-40

COMM. 1E35Z

ERRE.DI JOB N° 2720/10

DESMET BALLESTRA SPA

VIA P.PORTALUPPI 17

20138 MILANO (MI) (ITA)

Cinisello B.mo, 10/12/2010

CERTIFICATO DI CONFORMITA' (ref. UNI EN 10204 ref. 2.1) N° 2720/A1 CERTIFICATE OF COMPLIANCE

Vs. Ordine / Your Reference : N° 102028 2010 del / dated : 02/11/2010

Ns. DDT / Our Delivery Note : N° 2799 del / dated : 10/12/2010

Ns.Commessa / Our Job : N° 2720 OC del / dated : 03/11/2010

Descrizione / Description:

Pos.	10 Item :	Expansion joint type GC 33 DN 100 (4") ANSI 150LB AISI 316 Spc.: SB-ATI-PV032 Code: P20.GY04P.AJ000	NR	1,00
Pos.	20 Item:	Expansion joint type GC 33 DN 150 (6") ANSI 150LB AISI 316 Spc.: SB-ATI-PV032 Code: P20.GY06P.AJ000	NR	1,00
Pos.	30 Item :	Expansion joint type GC 33 DN 250 (10") ANSI 150LB PN16 AISI 304 Spc.: SB-ATI-PV032 Code: P20.GY10P.AG000	NR	2,00
Pos.	40 Item :	Expansion joint type GC 33 DN 150 (6") ANSI 150LB AISI 304 Spc.: SB-ATI-PV032 Code: P20.GY06P.AG000	NR	2,00

è stato prodotto in conformità all'ordine di acquisto e secondo le norme o disegni da questo citate.

is manufactured in conformity with the P.O. and in accordance with specifications and relevant drawings

Redatto da: Approvato da: MOD. CERTCONF.-02



DESMET BALLESTRA SPA

VIA P.PORTALUPPI 17

20138 MILANO (MI) (ITA)

1,00

Cinisello B.mo, 10/12/2010

CERTIFICATO DI COLLAUDO (ref. UNI EN 10204 ref. 3.1) N° 2720/B1 TEST CERTIFICATE

Vs. Ordine / Your Reference : N° 102028 2010 del / dated : 02/11/2010

Ns. DDT / Our Delivery Note : N° 2799 del / dated : 10/12/2010

Ns.Commessa / Our Job : N° 2720 OC del / dated : 03/11/2010

Rif. Rapporto di Collaudo ref. :

Test Report

Descrizione / Description:

Pos. 10 Item: Expansion joint type GC 33 DN 100 (4") ANSI 150LB AISI 316 NR

Spc.: SB-ATI-PV032 Code: P20.GY04P.AJ000

TIPO DI COLLAUDO ESEGUITO/Inspection Testing

COLLAUDO DI TENUTA (PRESSURE TEST)	IDRAULICO / Hydraullic		bar		
Manometro n° 994477 (Prove effettuate a temperatura ambiente)	PNEUMATICO / Pneumatic	06	bar	POSITIV	Έ
DURATA DI C	OLLAUDO / Testing Time			10	min
COLLAUDO VISIVO DIMENS (FINAL VISUAL AN	SIONALE COME DA SPC. <mark>SI</mark> ND DIMENSIONAL INSPECTION)	<mark>B-ATI-P</mark> V	<mark>′032</mark>	POSITIV	Æ



DESMET BALLESTRA SPA

VIA P.PORTALUPPI 17

20138 MILANO (MI) (ITA)

Cinisello B.mo, 10/12/2010

CERTIFICATO DI COLLAUDO (ref. UNI EN 10204 ref. 3.1) N° 2720/B2 TEST CERTIFICATE

Vs. Ordine / Your Reference : N° 102028 2010 del / dated : 02/11/2010

Ns. DDT / Our Delivery Note : N° 2799 del / dated : 10/12/2010

Ns.Commessa / Our Job : N° 2720 OC del / dated : 03/11/2010

Rif. Rapporto di Collaudo ref. :

Test Report

Descrizione / Description:

Pos. 20 Item: Expansion joint type GC 33 DN 150 (6") ANSI 150LB AISI 316 NR 1,00

Spc.: SB-ATI-PV032 Code: P20.GY06P.AJ000

TIPO DI COLLAUDO ESEGUITO/Inspection Testing

COLLAUDO DI TENUTA (PRESSURE TEST)	IDRAULICO / Hydraullic		bar		
Manometro nº 994477 (Prove effettuate a temperatura ambiente)	PNEUMATICO / Pneumatic	6	bar	POSITIVE	
DURATA DI C	OLLAUDO / Testing Time			10	min
COLLAUDO VISIVO DIMENS (FINAL VISUAL AN	SIONALE COME DA SPC. SI ID DIMENSIONAL INSPECTION)	<mark>B-ATI-P\</mark>	<mark>/032</mark>	POSITIVE	



DESMET BALLESTRA SPA

VIA P.PORTALUPPI 17

20138 MILANO (MI) (ITA)

Cinisello B.mo, 10/12/2010

CERTIFICATO DI COLLAUDO (ref. UNI EN 10204 ref. 3.1) N° 2720/B3 TEST CERTIFICATE

Vs. Ordine / Your Reference : N° 102028 2010 del / dated : 02/11/2010

Ns. DDT / Our Delivery Note : N° 2799 del / dated : 10/12/2010

Ns.Commessa / Our Job : N° 2720 OC del / dated : 03/11/2010

Rif. Rapporto di Collaudo ref. :

Test Report

Descrizione / Description:

Pos. 30 Item: Expansion joint type GC 33 DN 250 (10") ANSI 150LB PN16 AISI 304 NR 2,00

Spc.: SB-ATI-PV032 Code: P20 GY10P AG000

TIPO DI COLLAUDO ESEGUITO/Inspection Testing

COLLAUDO DI TENUTA (PRESSURE TEST)	IDRAULICO / Hydraullic		bar		
Manometro n° 994477 (Prove effettuate a temperatura ambiente)	PNEUMATICO / Pneumatic	6	bar	POSIT	IVE
DURATA DI C	OLLAUDO / Testing Time	-		10	min
COLLAUDO VISIVO DIMENS (FINAL VISUAL AN	SIONALE COME DA SPC. SIND DIMENSIONAL INSPECTION)	<mark>B-ATI-P</mark> \	<mark>/032</mark>	POSIT	IVE



DESMET BALLESTRA SPA

VIA P.PORTALUPPI 17

20138 MILANO (MI) (ITA)

2,00

Cinisello B.mo, 10/12/2010

CERTIFICATO DI COLLAUDO (ref. UNI EN 10204 ref. 3.1) N° 2720/B4 TEST CERTIFICATE

Vs. Ordine / Your Reference : N° 102028 2010 del / dated : 02/11/2010

Ns. DDT / Our Delivery Note : N° 2799 del / dated : 10/12/2010

Ns.Commessa / Our Job : N° 2720 OC del / dated : 03/11/2010

Rif. Rapporto di Collaudo ref. :

Test Report

Descrizione / Description:

Pos. 40 Item: Expansion joint type GC 33 DN 150 (6") ANSI 150LB AISI 304 NR

Spc.: SB-ATI-PV032 Code: P20.GY06P.AG000

TIPO DI COLLAUDO ESEGUITO/Inspection Testing

COLLAUDO DI TENUTA (PRESSURE TEST)	IDRAULICO / Hydraullic		bar		
Manometro n° 994477 (Prove effettuate a temperatura ambiente)	PNEUMATICO / Pneumatic	6	bar	POSITI	VE
DURATA DI C	OLLAUDO / Testing Time			10	min
COLLAUDO VISIVO DIMENS (FINAL VISUAL AN	SIONALE COME DA SPC. SI ND DIMENSIONAL INSPECTION)	B-ATI-P\	<mark>/032</mark>	POSITI	VE

ERRE.DI SRL



Via Dei Lavoratori, 15 20092 CINISELLO BALSAMO MILANO - ITALY PHONE +39 02-66040229 / 66047168 FAX 2- +39 02-6128041

MATERIAL CERTIFICATE POS. 10

Code: P20.GY04P.AJ000



Quality Control Manage

3006710703

WE CERTITY THAT THE ABOVE MATERIALS HAS BEEN MADE IN ACCORDANCE WITH ASTM A 240/A 240M, EN 10088-2

Reinarks:

TEL. (031) 494-0421-2

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1991

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2,477

0.500X1000,000C), EGOYLOOD, 600C

8

Allegato n.: F5

DESTRINATION: LA SPEZIA PORT, ITALY CUSTOMER - ACCIAI VENDER SPA 98 × Chemical Composition(%) P S NI Cr ×1000 ×1000 ×100 1991 1660 999 1660 188 1991 1991 逐 1881 183 8 198 199 **58** 188 ME. SPU 월 1962 20 3046 B ¥ 60 ×100 8 13 岐 18 Standard:KSD 3698 Cold Rolled Stainless Plates, Sheets and Strip ر <u>× 8</u> 5.0 9.4 2.0 2 6.4 1.8 B.1 8 3 29 1.30 TEST CERTIFICATE DAI YANG METAL CO., LTD. Mechanical Properties KS Approval Number:NO, 1783 EN 10204 3.18 38 (02%) Gross 3.810 2,079 3,18 9.30 2,318 2,322 2.56 2,530 2,386 3,818 3,804 ETOM (C) 3,035 3,618 J.T.E. 3,027 2,230 2,240 2,344 2,481 2,471 2,436 3,749 3.735 Net SIZECI/ED 200X1000.00;XCD .400X1000.00XC .500X1000.20X 50015000 DERC SM01000.000X 3.5col(1000.00XC 460 X ROOM DOOL 409X1900,00%C 400)X1000,000XC SULTION OFFI SLOX1000.00X **400XIDOD DONC** 400X3000,000C 400X1000,000KC 400X1000 DOMC 316L 1,440H Type (MSI) 001 080%688 COTTINES COTTINES COTTINES COTTINES COTTINES COTTINES COTTINES COTTINES COTTINES CONTINES CON Coll No. (HEAT NO) LIC NO : TIT FINISH: BA

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A Afforder Ven X 2 Handan



Allegato n.: 671SO150100



ISO 9001:2008 Quality System Approved by DNV n*02945

Questo documento è riprodotto mediante un sistema computerizzato ed è conforme all'originale custodito presso i nostri archivi.

	201						
To the ki	nd attenti	DRC					
GIORGI S	RL						1
ODT Nº	17437	15/11/2010	#	3	HEAT	6/1	
ITEM	FLOIPIA FLANGIA	n)5 12 Sa/a105 50 anet 1511	•				
Your Doc	Ref	10105610	11/11	/2010 [

77 0.2 0.8 0.9 0.00 0.0 0.8 0.0 0.0 0.0 0.8 0.0 0.0 0.	NAME OF THE PARTY	Purbant VAL VORCIBICA INDUSTRIALE SPA Central No. 5956/10 Councillate SELE CIP OF FLANCES 150 Councillate SELE CIP OF FLANCES 150 PST AMERICAN STANDARD SPECIFICATIONS M PCS Rea No. DESCRIPTION 1 300 671 91,8308 60 at 105 ANN 150	1 1 1 4	D XX 22 CS	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CHEMICAL COM. MI P S S CB. 26 MANNIAN 91 MANN 11 1 0005 11 0000 0.04 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.4 9.	CPEAGCAL COMPGETIONS 8 SS CD N CANAMAC NAX (0.14 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100 E 45 E	20 24 20 1000 1000 1000 1000 1000 1000 1	NO. 0 3 6 0	34 A4	C. Min. P. S. G. Ch. NA. C. NA. V. Nb. LAX. D. S. C. LAK. D. S. C. LAK. V. Nb. LAX. D. S. C. LAK. D. S. C. L	Dear 2010-8-23 Invent 201008030 Certificate No. 5998/00 Certificate No. 5998/00 V Nb. Arte Visit MAX. MAX. MGTIS POJ 0.03 000 NB. 220 0.05 000 NB. 220	Ø 2 2 July 19	五	益 ≱ ≉ ☆ ※ ☆ ※ 5	NELD TEL PROPERTITES VIELD TEL PLANDINGS POINT % % MAX 29 NO 22% 30% HBIST 20 23 29 150
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Allegato n.: CTL1006S3-CTL1006S3



CERTIFICATO DI COLLAUDO EN 10204/4(E) 3.1 Inspection certificate Certificat de reception Num: 4318/ 07 Data: 27-03-2007

Cliente GIORGI TUBI FLESSIBILI SRL Customer Client VIA PAPA GIOVANNI XXIII N. 51 20090 RODANO (MI) - ITALIA

Post lum Poste	Qtu Qty QH	Descriptions Creations Description		Materiale Material Materia	Colleta Hesit Coulde
3 4 5 6	50.00 20.00 20.00 80.00 100.00 100.00	CARTELLA 304L 273X3 CARTELLA 304L 273X9 CARTELLA 304L 273X9 CARTELLA 316L 114.3x3 CARTELLA 304L 70.1x2 CARTELLA 304L 80.3x2		304L/1.4306-07/Z3CN18-10/SS2352/S30403 304L/1.4306-07/Z3CN18-10/SS2352/S30403 304L/1.4306-07/Z3CN18-10/SS2352/S30403 316L/1.4404/Z3CND17-12-02/SS2348/S31803 304L/1.4306-07/Z3CN18-10/SS2352/S30403 304L/1.4306-07/Z3CN18-10/SS2352/S30403	A0J1 A0J1 A0J1 YUZ40578 635081 90X5
Code lern Foste	Contrattore mail Manufacturer que n Februard malende	eg bari pil	Certificate Dertificate Certificate	Schecifica materia prima Regimment agosisi Spetimbant markeli dis base	
1 2 3 4 5 6	ACERIMOX S.A. ACERIMOX S.A. ACERIMOX S.A. YIEH UNITED S UGINE E ALZ ACERIMOX S.A.	TEEL CORP.	700858 700858 700858 900858 9008276A50 8KCG 20988 700857	ASTM A240 E004, A480 E004 ASTM A240 E004, A480 E004 ASTM A240 E004, A480 E004 EN 10028-7 A240 ASTM A240 E004, A480 E004, ASME SA240 SECILA	

Golata Head Coulés	C%	10n %	SI %	P%	s %	Cr%	M %	Mo %	n %	Cu%	M%	Snervássento S Yield strass Limité electrique	Rottura R Tensile streight Rupture	A Burrigamento A Elengation Allengament	Durezza Aurdresa Dureta
Attur	0.023	1,733	0,381	0,027	0.003	18,170	6,102	8/89			- 3	324,14 tVmm²	629.09NFmm	53,44	95,00HRB
A0J1	0,023	1.733	0,381	0,027	0.002	18,170	8,102					324.74 N/mm²	629.09NAmm		65 CONRE
AOJI	0,023	1,733	0,351	0,027	0,002	16,170	8.102					324,14 N/mm²	629.09N/mm	Fig. 197074 (1971)	85.00-DB
YU240578	0.023	1,060	0,600	0,028	0.002	16.790	10.100	2,060				349,00 N/mm²	502,00N/mm	30 STT-1850 S	79.00 FRB
605081	0,020	1,490	0,400	0,028	0,003	18,150	8,720					322,00 MPp	627.00MPa		72.00HRB
9CX5	9,027	1,752	0,303	0,031	0.006	18,098	8,130					322,23 N/mm*	632,36N/mm		
	3														

roc. di trasporto n. Detvery note n. Bonde funison n.

639 Data 23/03/2007 Ordina n. 07006207/07029907/07037807

Order n. Commando n.

Note Remarks

li materiale è stato fornito in conformità al requisiti dell'ordine. The material has been furnished in accordance with purchase order. Le material a été trouvé conforme aux esigences

Tutti i raccordi banno superato con esito positivo il controllo dimensionale visivo.

All fittings have passed visual and dimensional inspection.

Tous les raccords ant supéré positivement le contrôle dimensional et visual.

Trattamente termico: sobstatizzazione e 1966*
Most incomessi amineste ar
Trattament transcope: Hisaerbompé a Priers di connection A252 Past, E KACE 6656116 ±22 Carristion led A262 Prist, E
Esseis de connection A262 Prat, E Reprove Recomm.

Geranded Caracteristics (A. N. du 24.03.76)

Cert Certairiques gerenties pour 22.04 15-10 or 2.20.40 17-13

□ < 0.25 % Ren ≥ 760 Manne*

€ < 0.05 % A% ser 5.65 % portrol

€ < 0.05 % A% ser 5.65 % portrol

I duit distinuable chiproce e delle prove meccuenche condizionale della facilità di male della prove della chiproce della provenzia della condizionale di condizionale della provenzia di male della provenzia di condizionale della condizionale

MARCHIO DI FABBRICA:

RESPONSABILE GARANZIA QUALITA'

Quality assurance manager G. BERCELLESI

BERCELLESI BERINOX SRL - Via per Carpiano, 24 - 20077 Melegnano (Mi) - Tel.(02) 98.23.10.72 ra Fax (02) 98.39.103

4



MATERIAL CERTIFICATE POS. 20

Code: P20.GY06P.AJ000



Allegato n.: F5

Standard:KSD 3698 Cold Rolled Stainless Plates, Sheets and Strip

DAI YANG METAL CO., LTD.

DESTINATION: LA SPEZIA PORT, ITALY CUSTOMER: ACCIAI VENDER SPA 33 Quality Control Manager. ್ <u>×</u> Chemical Composition (%) 8 1661 199 1991 1680 8 188 1881 1661 1991 1991 198 1991 E 201 x 골 90 1943 1012 뛇 器 ν X X1000 B K S H 24 8 8 4 8 25 X 8 13 18 15 2 S TEST CERTIFICATE 81 20 9 0.2 1.8 1.8 1.8 E.B 1.8 3 8 1.8 3. 8 20 Date Mechanical Properties KS Approval Number:NO, 1783 FN 10204 3.18 S 图 8 5 8 TEL. (031) 494-0421-2 (02%) Gross 3,108 3,110 2,318 8.816 3,816 9,310 2,32 3 25.52 3 2.53 8 3.80 3,692 EIGHT(EC) 3,743 3,618 3,05 3,02 2,230 2,340 2,244 2,489 2,471 2.495 2,477 3.72 27.5 Net WE CERIEY THAT THE ABOVE MATERIALS HAS BEEN MADE IN ACCORDANCE WITH ASTM A 240/A 240M, EN 10088-? SEZE(UV)) BOOK HOUSE BOXE .500X1009.00XC 4(0)(1000_0GBC 400X1000.000K ACCINIDOD DOZAC S00X1000.000E .500X1000.00fc BORGLOOD, DEAKE 0.500X1600.00%C 400XQ1000.000XC SINITIONO DOUG HODIVIDOD DODG 400/2000 codec G00X1000.00XC 400K1000.000K 400X14000, GEORGE 500X1000-00KC 318L CHSE) (m/millex m/m/miller) Coll No. L/C NO.: T/T FINISH: BA Remarks :

E



Allegato n.: 854SO150150



ORIGINAL

PARAMOUNT FORGE™



Manufacturers of : FORGED FLANGES & FITTINGS.

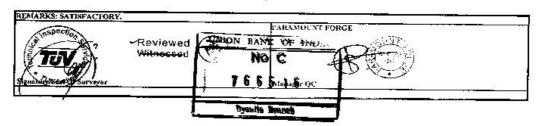
TEST CERTIFICATE

	: M/S. GIORGI ŠRI. ATE: BY EMAIL			PF/TC): 7097 INSPECTION AGENCY: TOV (I) PY	DATE:23/1 (V.LTD.	0/2009
P.O.SR.NO.	DESCRIPTION	SIZE	DIMENSION	MATERIAL	HEAT NO.	OTY/Nos
46 47 48	SORF FLANGES 150# SORF FLANGES 150# SORF FLANGES 150# SORF FLANGES 150# SORF FLANGES 150#	DN 65 DN 80 DN 100 DN 150 DN 200	ASME B16.5 2003 ASME B16.5 2003 ASME B16.5 2003 ASME B16.5 2003 ASME B16.5 2003	ASTM A105 2005 ASTM A105 2005 ASTM A105 2005 ASTM A105 2005 ASTM A105 2005	0849 0288 0897 0854 0842	30 70 50 200 50

CHEMICAL COMPOSITION 0.25 0.22 0.22 0.19 0.017 0.014 0.016 0.018 0.006 0.012 0.020 0.004 0.015 0.008 0.035 0.019 0.008 0.002 0849 0888 0897 0854 0.91 0.93 0.99 0.69 0.025 9.026 0.030 0.026 0.002 0.009 0.003 0.002 0.18 0.20 0.23

PHYSICAL PROPERTIES IIIS Y.S %E1. RED. IN HARDNESS CHARPY V IMPACT TEST MP MPa AREA % TEMP. HIIN 286.60 297.72 290.31 275.99 277.94 53 41 62:45 52:79 51:27 52:36 \$45.14 527.39 522.95 495.27 32.00 0888 0897 0854 161 159 144 162

HEAT NO.	HEAT TREATMENT	HEAT TREATMENT TEMP.	LAB REF NO
0849	NORMALISED	910°C	PF/1-11/09 & 09/02/0492 B/B
ORSS	NORMALISED	910 €	P17263/09 & 09/02/3910
0397	NORMALISED	A104 E.	PF/13.3/09 & 09/02/10459 B/B
0854	NORMALISED	910°C	P17/119/09 & 09/02/0959 A/C
0842 .	NORMALISED	9:0*(*	PP/91/09 & 09/07/11/082 E/E



We Certify that all items herein conform to the applicable standards and customer requirements

Registered Office : 3, ' Guru Himmat Bidg', 140, Dr. Mascarenhas Road, Mazgaon, Mumbai-400 010. ■: 91-22-2378 0007 / 6657 0979- @ Fax: 91-22-2373 2657

Factory: 99/100, 280/283, Jawahar Industrial Estate, Kamothe - 410 209, Panvel, (Dist. Ralgadh)
S: 91-22-2742 0301, 2742 5058 ⊆ Fax: 91-22-2742 0802
□ : pforge@bom5.vsni.net.ln • Website: www.pforgeindia.com

QA/QR/08

REV;01



Allegato n.: CTL1506S3-CTL1506S3

INOX LAGHI SRL

Certificate di collaude sacondo la norma EN 10204 3.1.8 (Ex DIN 50049 3.1.8) Inspection certificate according to standard EN 10204 3.1.8 (Ex DIN 50049 3.1.8)

Certificato	18521	21/09/2010	
Telefono/Telephone	0295321305		IL408
Fax	0295321318		
Rifermento Cliente	10082310		GIORGI sri
N°DDT e data	3556	20/09/2010	Via Papa Giovanni XXII), 51 - 20090 - Rodano - Mi
N°FTV e data			Via Papa Giovanni XXIII, 51 - 20090 - Rodalio Pivi

Si certifica che i maferiali retativi al Vs. Ordine sono stati fabbricati, controllati e fisultano conformi all'ordine e alle specificho richieste. We certify the maferial reterring to your order has been made, tested and it is in conformity to the order and to the chemical composition you required.

Item	Colata/Heat	Grado/Grade	Q.tWQ.ty	Descrizione/Description		(3********
01	838019	EN 1,4307	50	Cartella a saldare 33,7X2 dim UNI 6090	8 70 -	
02	621520	EN 1,4307	20	Cartella a saldare 48,3X3 dim UNI 6090		
03	345799	EN 1,4307	10	Cartella a saldare 188,3X3 dim UNI 6090		
04	010088	EN 1,4404	20	Cartella a saldare 188,3X3 dan UNI 6090		ž <u>122</u>
05	005519	EN 1,4307	20	Cartella a saldare 219,1X3 dim UNI 6090		

Analisi Chimica - Chemical Composition

Item	Colata/Heat	<u> </u>	SI	Mn	P	8	Cr	Ni	Mo	N
01	638019	0,022	0,45	1,41	0,031	0,004	18,02	8,01		
02	621520	0,025	0,328	1,401	0.032	0,004	18,209	B,066		
U3	345799	0,028	0,42	 1,5	0,029	0,003	18,1	8,18	0,086	0.0624
04	010088	0.023	0,35	1,2	0,033	0,004	16,81	10,02	2,03	0.041
05	005519	0,015	0,24	1,45	0,034	0,002	18,3	8,03		0,048

Caratteristiche Meccaniche - Mechanical Properties

tem	Colata/Heat	Yeld P. 0,2% N/mmq	Yeld P. 1% N/mmq	Tensile St. N/mmq	Elongat %	Hardness		
01	838019	328		635	49	75		
02	621520	337		844	51	84		
03	345799	305	342	655	58	84,2		
04	010088	311		591	55	76	V1212	
05	005619	315		617	53	BO		

Tutif gli articoli sopra riportati hanno superato con esito positivo il controllo dimensionalo e visivo. I dati delle analisi chimiche e delle prove meccaniche corrispondono fedelmente al certificato invisto dal fabbricante del materiale base e/o dal labbriatorio che ha effettuato lo prove. All the literra passed with positive results the visual and dimensional inspection. Chemical composition and mechanical characteristics correspond to the manufacturar's cartificate and/or to the certificate issued from testing laboratories.

EN 1.4301= AISI 304 EN 1.4305= AISI 304L EN 1.4307= AISI 3041 EN 1.4401=AISI 316 EN 1.4404=AISI 316L

Servizio Assicurazione Qualità Marco Fossati

Pagina 1 di 1

hox Laght srt - Via Mofinello, 52 - 21048 Solbiate Arno - Varese - Italy - Tel. 0331.760011 Fax 0331.985700





MATERIAL CERTIFICATE POS. 30

Code: P20.GY10P.AG000



Allegato n.: 12.7

otelinox CALLED . Customer: ACCIAI VENDER S.P.A. Customer Ord. No.: 2000171533 Product: Colls 1+2+1 Pieces

INSPECTION CERTIFICATE 3.1

No.: 42010581

(according to DIN EN 19204, type 3.1)

Manufacturer OTELINOX

RO-130087 Targoviste Fax+40-245-21775B

Specification: AD2009-VZ; AD2006-V10; PED9723FC; EN 10098-205; EN 10028-708; ASTM A 2404(09; ASME SA 24017)

Stool grade: 1.45412B. AISI 32178 - 5 1/4- 107C

Making process: E

2 2

Mar. 2.08 0.040

3

Sto C

Weight (kg)

Heat No.

Coll No.

0.340 0.011 0.010 MIN. G.1D 0.360 700.07 100.07 X X × Chemical analysis (%) 9.100 mm. qoid 17.0-19.0 94-12.0 9.100 17.100 17.300 mar. 0.000 17.0-19.0 0.000 0.001 0.001 0.420 0.034 0.03+ MS. 4.045 mex 1.04d 2408 0.420 mak, 0.76 MR. 20 mm. 10 1,280

Surface and dimensional commot, meternal identity test, intercrystaline contorns acc. to DIN EN ISO 3551-2 C.K.

0.040 0.034

11650.000

671876 67876 67814

4465.000

2H15/34-108037/Q/A

H15/38-108031/C H15/38-108032/P

'C' Air cooling Heattreatment 1050

XXXX COCK

XXX XXXX XXX

Nauking: Producer Trade Mark, Metarital, Your No., Cod-No., Workbayector stamp & norms:

Coil No.

11524-100037/QA

H-15080-103031/C 15/28-1080329

5. E. 28. 8 8 8 6 H 5 1 98.56 86.55 59.0 250 94.5 95.5 97.5 97.5 28. 18. 920-728 611.0 600,0 802,0 315.0 047 PM 315.0 0.86.0 279.8 12.4 men.200 272 288.0 ASTM 3 749 770 B 828 7 B - 01 Year 28 8 42010581 42010631 420106B1 Packing Lint No. LOCOLHAGOS, 10200,48697 CATA CONCESSED Pailet No. Extent of delivery Oimension (mm) 8.6 X 1000 MS 0.6 X 1250 Mile BALOSCI X 8.0

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2000 20103 100 K

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Dispense of countersing, January 16, 1998.

Targovisie, 07 Sep 2010

87C-CF-001-2

FTOD Bedokim Sample diection:

ns. obt nº 223 del 12/10/13

ή. Υ

WORK INSPECTOR **CUTA VICTORIA**

3



Allegato n.: 7638SO150250



24050 Zanica - Bergamo -Via G.Fatoone ,2 Tol. 035/4245311 - Fax 035570252 Capitate Sociale € 1.600.000,00 Partita IVA 01085770160

CERTIFICATO DI ANALISI CHIMICA E PROVE MECCANICHE CHEMICAL ANALYSIS AND MECHANICAL TEST CERTIFICATE 3.1 - EN - 10204:2004 (EX DIN50049/3.1.B. - EN10204/3.1.B.)

1 48 221 2 8 103 3 4 103 4 6 104 5 4 706 6 1 106 7 10 211 8 6 PE	045cr biome/ 11F150300 09F15SX800 08F15SX800 08F15SX800 09F15SX800 11F309SOX	16)4	1			16311		/11/2006	ì	65			2529/		ficate 1/2006
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Allegato n.: CTL2504S3-CTL2504

	BERCELLESI
	DEDIMON
12000	DE MINUTERI

CERTIFICATO DI COLLAUDO EN 10204/4(E) 3.1 Inspection certificate Cartificate de reception Num: 5274/ 06 Data: 15-05-2006

Cliente GIORGI TUBI FLESSIBILI SRL Client VIA PAPA GIOVANNI XXIII N. 51

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MARCHIO DI FABBRICA Trade mark

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RESPONSABILE GARANZIA QUALITA' Quality assurance manager
G. BERCELLESI

6ERCELLESI HERINOX SRL - Via per Carpiano, 24 - 20077 Melegnano (Ma) - TeL(C2) 98I 23 10.72 ra Fax 4021 98:39:103



MATERIAL CERTIFICATE POS. 40

Code: P20.GY06P.AG000



Allegato n.: CTL1504S3-CTL1504S3



Quality Management System certified by EROA N. LRC 6008072 / QMS

CERTIFICATO DI COLLAUDO EN 10204 3.1

Inspection certificate
Num: 12668/ 10 Data: 04/11/2010
Certificat d'inspection

Cliente GIORGI SRL.
Customer VIA PAPA GIOVANNI XXIII N. 51 20090 RODANO (MI) -

 The section of the specification of the section of	EN 1092/1

COS SMD COSING	CRM City CH	specification/Spécification du produit Descrizione e dimensione Descrizion and pre Disignator et dimension		Grado accialo Grado Ruenes	Coulin Hem Coulin
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-	THYSSENKRU ARCH CRMIT	PP ACCIAI SPEC, TERNI	1070279 10K0025849 1070270	EN 10028-7 EN 10088-2 ASTM A240 EN 10028-7/06 EN 10098-2/05 ASTM A240M-09 EN 10028-7 EN 10088-2 ASTM A240	

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Doc, di trasporto n. 2670

Data 03/11/2010 Ordine n. 10089310 - 10092410

Date Date Detivory note n. Bon de livraison n. Si attesta che i materiali apediti sono conformi ai requisiti dell'ordine. Vis certiti trat delivered producis compty with the customer's requirement. Nous certifions que les produits fortes sont conformes aux spécifications de la confrancio.

Note / Remarks / Remarques

Test superati con esito positivo: Test passed successfuly / Test passe svet succes

X Dimensional X Visual Text aggluffilM richlesti nell'ordine: Additional tests required in ordo Texts supplémentaires requis dans la comm

I certificati sono conservati nel nostro erchivio. Tre certificates ere kept in our erchive. Les certificate sont cobservés dans nos erchive.

Les certificats sent coherenés dans nos archive.

Il matiariste é conforme alle apacifiche di prodotto dichiarate.

The materiale consegne to the product's specification declared.

Le materiale des conforme eux spécifications de produit declaré.

Per d'immension i diverse alle specifiche è garantitia la conformità al na catalogo.

Siza different from the specifications are guarantised to be in compliance with our catalogue.

Les d'imensions differentes de la spécification sont conformités à notre catalogue.

Trade mark
Marque du producteur MARCHIO DI FABBRICA:



RESPONSABILE GARANZIA QUALITA' Quality assurance manager Contrôle de la qualité

A. FARINOLA

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Allegato n.: E1.19



INSPECTION CERTIFICATE 3.1

No.: 42003755

(according to DAN EN 10204, type 3.1)

Manufacturer: DTELINOX



RO-130087 Targoviste Fax:+40-245-217758

Steel grade: 1.4541/2B: AISI 321/2B

Product: Coils 3 Pieces

Customer: ACCIAIVENDER S.P.A. Customer Ord.No.: 2000129796 Specification: AD2000-W2.AD2000-W10; PED97/23/EC; EN 10088-2/05; EN 10028-7/00; ASTM A 240M/07 ASME SA 240/05 Chemical analysis (%)

0.018 0.240 0.290 F-35, 0.7 9.030 | max. 0.08 | may. 2.0 | max. 1.0 | max. 0.045 | max. 0.015 | 17 c-19.0 | 9.0-12.0 17.450 0.901 Surface and dimensional control, material identity test intercrystalline corrosion acc. to DIN EN ISO 3651-2: O.K. 0.026

0.027 0.920 0.750

12925.000

0420449

1H12/48-9C165/P

K

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Weight **E**

Heat No.

Coil No.

XXX

"Cr. Air cooling Heat treatment 1080

Marking: Produce: Trade Mark, Material. Heat No., Coit-No., Workinspector stamp & name

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	Coil No.	Dimension (mm)	Pallet No.			ñ	min.220	₩r 250	520 - 720	mb.40					
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					-	=Top B	=Bottom	Sample	ILECTION .						

Dispense of countersing, January 16, 1998.

BTC - CF - 001 - 2

SORA ANISCARA WORK INSPECTOR



Allegato n.: 854SO150150



ORIGINAL



Manufacturers of : FORGED FLANGES & FITTINGS.

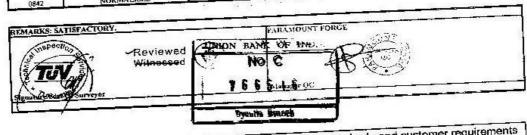
TEST CERTIFICATE
TYPE EN10204:2004 3.1

& DATE: BY EMAIL		The second second	MATERIAL	HEAT NO. Q
NO. DESCRIPTION	SIZE	DIMENSION	ASTM A105 2005	0849
SORF FLANGES 150#		ASME B16.5 2003 ASME B16.5 2003	ASTM A105 2005	0888 0897
SORT FLANGES 150#		ASML B16.5 7003	ASTM A183 2005	U854
SORF FLANGES 1504 SORF FLANGES 150#	DN 150	ASME B10.5 2003 ASME B10.5 2003 ASME B16.5 2003	ASTM A105 2005 ASTM A105 2005	0842

				CHI	EMICA	LCOM	POSIT	TON	Mo	Y I	N	Ti	CEO
0849 0888 0897 0854 0842	0.25 0.22 9.22 0.19 0.19	MIN 0.91 0.93 0.99 0.69 0.93	0.025 0.026 0.020 0.020 0.017	8 0.017 0.014 0.016 0.018 0.022	\$1 0.18 0.19 0.25 0.20 0.23	0.017 0.020 0.014 0.015	Ni 0.008 0.035 0.019 0.008 0.002	0.013 0.054 0.025 0.012 0.012	0,905 0,003 0,005 0,007 0,011	0 002 0.009 0.003 0.002 0.002		: :-	0.41 0.39 0.39 0.31 0.35

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0897 0854	527.95 495.22	290.31	32.60 30.80	51.27 52.30	144					

		HEAT TREATMENT TEMP.	LAB REF NO.
T NO.	HEAT TREATMENT	PLAT TREE	P1-7141/09 & 09/02/0492 B/IS P1-7263/09 & 09/02/3910
1849	NORMALISED	9,070	pp/137/00 /c 09/02/10459 Buts
888	NORMALISED	91010	DTVL (0/00) & 09/02/0939 A.V.
1897	NORMALISED	910°C 910°C	PE/91/09 & 09/02/11082 F/E



We Certify that all items herein conform to the applicable standards and customer requirements

Registered Office : 3, * Guru Himmat Bldg *, 140, Dr. Mascarenhes Road, Mazgaon, Mumbal-400 010. ■: 91-22-2378 0007 / 6657 0979- 日 Fax: 91-22-2373 2657

Factory: 99/100, 260/263, Jewahar Industrial Estate, Kamothe - 410 209. Panvel, (Dist. Raigedh)

■ : 91-22-2742 0301, 2742 5058 ■ Fax: 91-22-2742 0802

■ : prorge@bom5.vanl.net.in • Website: www.pforgeindia.com

1/1/08

QA/QR/08

REV:01