

**DOSSIER MATIERES**

**IDENTIFICATION DES MATIERES  
ET DES METAUX D'APPORT  
ENCEINTE A VIDE QPOLE Q2**

| N° PLAN            | REPERE N° | CERTIFICAT N° |
|--------------------|-----------|---------------|
| 318711-JLA-701-002 | 701-002   | 63243         |
| 318711-JLA-701-003 | 701-003   | 63406         |
| 318711-JLA-701-004 | 701-004   | 63244         |
| 318711-JLA-701-005 | 701-005   | 63211         |
| 318711-JLA-701-006 | 701-006   | 63247         |
| 318711-JLA-701-007 | 701-007   | 63243         |
| 318711-JLA-701-008 | 701-008   | 63248         |
| 318711-JLA-701-009 | 701-009   | 63245-63405   |
| 318711-JLA-701-010 | 701-010   | 63248         |
| 318711-JLA-701-011 | 701-011   | 63274         |
| 318711-JLA-701-018 | 701-018   | 63243         |
| 318711-JLA-701-019 | 701-019   | 63244         |
| 318711-JLA-701-020 | 701-020   | 63328         |
| 318711-JLA-701-021 | 701-021   | 63243         |
| 318711-JLA-701-022 | 701-022   | 63243         |
| 318711-JLA-701-023 | 701-023   | 63328         |
| 318711-JLA-701-024 | 701-024   | 63328         |
| 318711-JLA-701-025 | 701-025   | 63328         |
| 318711-JLA-701-026 | 701-026   | 63245-63405   |
| 318711-JLA-701-027 | 701-027   | 63245-63405   |
| 318711-JLA-701-028 | 701-028   | 63245-63405   |
| 318711-JLA-701-030 | 701-030   | 63405         |
| 318711-JLA-701-031 | 701-031   | 63248         |
| 318711-JLA-701-034 | 701-034   | 63405         |
| 318711-JLA-701-035 | 701-035   | 63405         |
| 318711-JLA-701-037 | 701-037   | 63248         |
| 318711-JLA-701-052 | 701-052   | 63248         |
| 318711-JLA-701-061 | 701-061   | 63245-63405   |
| 318711-JLA-701-062 | 701-062   | 63248         |
| 318711-JLA-701-063 | 701-063   | 63245-63405   |
| 318711-JLA-701-064 | 701-064   | 63248         |
| 318711-JLA-701-065 | 701-065   | 63248         |
| 318711-JLA-701-070 | 701-070   | 63245-63405   |
| 318711-JLA-701-071 | 701-071   | 63248         |
| 318711-JLA-701-072 | 701-072   | 63245-63405   |
| 318711-JLA-701-073 | 701-073   | 63248         |
| 318711-JLA-701-074 | 701-074   | 63248         |
| 318711-JLA-701-075 | 701-075   | 63248         |
|                    | 9028      | 63768         |
|                    | 9029      | 63768         |
|                    | 9030      | 63862         |

**IDENTIFICATION DES MATIERES  
ET DES METAUX D'APPORT  
ENCEINTE A VIDE QPOLE Q2**

**Métaux d'apport**

| <b>DESIGNATION</b>     | <b>CERTIFICAT N°</b> |
|------------------------|----------------------|
| ER308LSi - bobine Ø1,2 | 63210                |
| ER308L - fil Ø2        | 62246                |
| ER308L - fil Ø2        | 57925                |
| ER308L - bobine Ø3,2   | 55507 page 1/2       |
| flux Record IND24      | 55507 page 2/2       |



SDMS n° 55507 / 1/2

S.D.M.S.

RD 1532 Les Condamines  
38160 ST ROMANS  
FRANKREICH

**Certificat de réception 3.1**

Inspection certificate 3.1  
suivant / as per: EN 10204  
No. / No.: 1-2010-23-1940250

Rev. 0 Page / page: 1 de/ of 1

|  |                                      |  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
|--|--------------------------------------|--|--|-------------------------|---|---|----------------------------------|----------------------|---|--|--|--|--|----------------|--|--|--|
| N° cde client  | Order No.                            | 83981/31039  | de / of  |                         | 232691                                      |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| N° commande SAP  | Works order                          | 1015047102   |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Bon de livraison/Pos.                                  | Dispatch note/pos./Split             | 2015068029 / 0010 / 000010   | de / of  |                         | 04.11.2010                                  |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Produit contrôlé                                       | Test object                          | UP-Drahtelektrode  | wire electrode for SAW                                 |                         | 86353                                       |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Désign. commerciale                                    | Trade designation                    | <b>THERMANIT JE-308L</b>   |  |                         | X616DS                                      |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Marquage du produit                                    | Marking of product                   |  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Classification   | Standard classification              | EN ISO 14343-A - S 19 9 L / AWS A5.9-06: ER308L                        |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Dimension  | Dimension                            | 3.20 mm (.126")  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| coulée   | Heat No.                             | <b>97785</b>   |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Quantité livrée  | Quantity delivered                   | 500 KG   |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Impositions  | Requirements                         |  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Composition chimique en %<br>Chemical composition in % |                                      |  |  |                         | Walzdraht<br>hot rolled wire                |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| coulée<br>Heat No.                                     | C                                    | Si   | Mn   | P                       | S   | Cr                                      | Mo                               | Ni                   | Cu  |  |  |  |  |                |  |  |  |
| 97785  | 0.014                                | 0.40   | 1.99   | 0.019                   | 0.012                                       | 19.88                                   | 0.15                             | 10.06                | 0.09                                      |  |  |  |  |                |  |  |  |
| Essai de trac.<br>Tensile Test                         |                                      |  |  |                         | suivant<br>according to                     |   | EN 10002-1                       |                      | Type d'éprouvette<br>Specimen preparation |  |  |  |  | EN 876         |  |  |  |
|  | Température<br>T<br>Test temp.<br>°C | Lim. él. app.<br>Reh<br>Yield point<br>MPa                             | Limite élast.<br>Rp<br>Yield strength<br>0.2% MPa 1.0% |                         | la rupture<br>Rm<br>Tensile strength<br>MPa | Allongem.<br>A<br>Elongation<br>% Lo=5d | Striction<br>Z<br>Reduction<br>% | Remarques<br>Remarks |   |  |  |  |  |                |  |  |  |
| Minimum  |                                      |  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Maximum  |                                      |  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |
| Résilience<br>Impact Test                              |                                      |  |  |                         | suivant<br>according to                     |   | EN 10045-1                       |                      | Type d'éprouvette<br>Specimen preparation |  |  |  |  | EN 875 VWT 0/b |  |  |  |
|  | Température<br>T<br>Test temp.<br>°C | Valeur de résilience min.<br>KV<br>Absorbed energy minimum values<br>J |  | Moyenne<br>Average<br>J | Expansion lat.<br>Lateral expansion<br>mm   | Rupture fragile<br>Shear fracture<br>%  | Remarques<br>Remarks             |                      |   |  |  |  |  |                |  |  |  |
|  |                                      |  |  |                         |   |   |                                  |                      |   |  |  |  |  |                |  |  |  |

Remarques  
Remarks

SDMS  
J.M. CHAMPON  
Contrôle

Ville / Town  
Montigny

Date / Date  
18.11.2010

Ce certificat issu d'un traitement informatique ne requiert pas de signature.  
This certificate was issued by DP-equipment and does not require signature.

Abnahmebeauftragter  
Authorized representative  
P-A. Legait

Groupe Böhler Soudage France S.A.S  
14, place Georges Pompidou, 5ème étage  
78180 Montigny-Le-Bretonneux  
Tél.: +33 (0) 1 30 05 49 49  
Fax: +33 (0) 1 30 05 49 00  
Email: info@qbsf.fr  
http://www.groupe-bohler-soudage.fr/

Adresse postale:  
GROUPE BOHLER SOUDAGE FRANCE  
14, PLACE GEORGES POMPIDOU  
CS 97110  
78067 ST QUENTIN EN YVELINES CEDEX

Coordonnées bancaire:  
Deutsche Bank  
IBAN FR76 1778 9000 0110 5101 7600 028  
BIC: DEUTFRPP  
Dom: Deutsche Bank AG Paris  
RIB:17789-00001-10510176000-28

S.A.S au Capital de 400.000 €  
RCS: VERSAILLES B 420 463 889  
No. Siret: 420 293 094 00041  
Code NAF: 518 M  
No. TVA / FR 59420 293 094

SDMS  
Contrôle



## CERTIFICAT DE QUALITE - CERTIFICATE OF QUALITY EN 10204 3.1

|   |  |
|---|--|
| N/Réf. : 1015047102 PV 10 125 Rev. 0    | Product : Thermanit JE-308L                |
| Client :                                | Classification : ASME II C SFA 5.9 ER 308L |
| Customer : Groupe Böhler Soudage France | Lot No : 97785 - Dimension : 3.2 mm        |
| Pour S.M.D.S.                           | Flux : Record IND 24                       |
| Y/Order : 83981/31039                   | Classification : EN 760 - SA FB 2          |
| Dt. : 03/11/2010                        | Lot n° : 7501888                           |
|   | Quantité : 500 kg                          |

SDMS n° 55507 2/2

| Lot N° | Dimens° mm | Composition Chimique (%) du fil électrode<br>Chemical composition (%) of the wire electrode |      |      |       |       |       |       |      |      |  |
|--------|------------|---|------|------|-------|-------|-------|-------|------|------|--|
|        |            | C   | Mn   | Si   | S     | P     | Cr    | Ni    | Mo   | Cu   |  |
| 97785  | 3.2 mm     | 0.014   | 1.99 | 0.40 | 0.012 | 0.019 | 19.88 | 10.06 | 0.15 | 0.09 |  |

| Lot N°  | Composition Chimique (%) du métal déposé non dilué (*)<br>Chemical composition (%) of the undiluted weld metal (*) |      |      |       |       |      |     |      |      |  |
|---|--|------|------|-------|-------|------|-----|------|------|--|
|   | C  | Mn   | Si   | S     | P     | Cr   | Ni  | Mo   | Cu   |  |
| RECORD IND 24<br>Lot Nr. 7501888<br>&<br>THT JE-308L<br>Lot Nr. 97785 | 0.010  | 1.66 | 0.50 | 0.012 | 0.021 | 19.5 | 9.9 | 0.18 | 0.17 |  |

### ESSAIS MÉCANIQUES - MECHANICAL PROPERTIES

|   |       | Brut - As Welded     |    |    |     |     |
|---|-------|----------------------|----|----|-----|-----|
| Résistance à la traction U.T.S.                       | N/mm² | 572                  |    |    |     |     |
| Limite élastique à 0,2% / Y.S. at 0,2%                | N/mm² | 399                  |    |    |     |     |
| Allongement (sur 5xd) U.T.S. (on 5xd)                 | %     | 44                   |    |    |     |     |
| Striction Reduction of Area                           | %     | 60                   |    |    |     |     |
| Impact properties (KV) Tenacité (KV) Test Temperature | °C    | + 20°C               |    |    |     |     |
| Énergie - Energy                                      | J     | 94                   | 94 | 96 | 100 | 103 |
|   |       | Moyenne - Average 97 |    |    |     |     |

Paramètres de soudage : 450 A - 28 V - 38 cm/min  
 Position de soudage : à plat - Polarité : DCEN - Procédé de soudage : MIG  
 Préchauffe : sans - Interpass t° : 150°C - Énergie nominale : 19.9 kJ/cm  
 avec flux Record IND 24 lot 7501888 et Thermanit JE-308L Ø 3.2 mm coulée : 97785  
 analyse chimique effectuée sur le corps de traction (\*)

Nous certifions que les produits ci-dessus mentionnés sont conformes aux classifications ci-dessus mentionnées et aux exigences de :

EN 760 - SA FB 2  
 ASME II C SFA 5.9 ER 308L  
 et à la commande client.

Test, Inspection and Quality Assurance  
 Department  
 Date: 22/12/2010



n° cde : 87566/1000

# Certificat de Réception 3.1



|              |                  |              |  |
|--------------|------------------|--------------|--|
| Produit      | LINCOLN TIG-308L | N°Cde Client | 87566/1000   |
| Diamètre     | 2,0 X 1000       | Notre réf.   | sf305611   |
| Item No.     | 584721           | Quantité     | 300,0 kg   |
| Lot/Batch    | 4512218032       | Client       | SDMS CHAUDRONNERIE INOX<br>ZI DES CONDAMINES<br>38160 SAINT ROMANS<br>France |
| Product Line | TIG Wire         |              |  |

Classification AWS A5.9/A5.9M : ER308L  
ISO 14343-A : W 19 9 L

SDMS n° 57925

| Analyse Chimique (%) |      |     |      |      |      |     |     |     | EN10204 | 3.1 |
|----------------------|------|-----|------|------|------|-----|-----|-----|---------|-----|
| C                    | Si   | Mn  | P    | S    | Cr   | Ni  | Mo  | Cu  |         |     |
| 0,02                 | 0,48 | 2,2 | 0,03 | 0,02 | 20,0 | 9,7 | 0,1 | 0,2 |         |     |

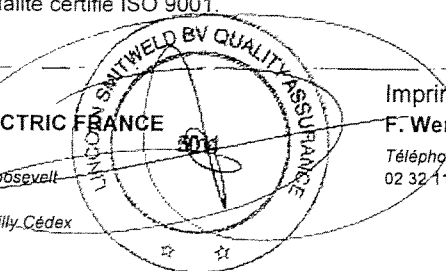
| Caractéristiques Mécaniques |       |       |       |    | EN10204 | 2.2 |
|-----------------------------|-------|-------|-------|----|---------|-----|
| Essai de traction           |       |       |       |    |         |     |
| Cond.                       | Temp. | Rp0.2 | Rm    | A5 |         |     |
|                             | °C    | N/mm2 | N/mm2 | %  |         |     |
| AW                          | RT    | 390   | 590   | 35 |         |     |

Informations complémentaires EN10204  
Autres Tests

Remarques

Le produit identifié ci-dessus a été fabriqué, testé et fourni en accord avec un programme d'assurance qualité certifié ISO 9001.

Compagnie  
**LINCOLN ELECTRIC FRANCE**  
Bureau inscrit  
Avenue Franklin Roosevelt  
B.P. 214  
76121 Grand Quevilly Cédex  
France



Imprimé par  
F. Wera  
Téléphone :  
02 32 11 40 40

Fonction  
QA Manager  
Fax:  
02 32 11 40 11

Date  
25/09/2012  
Cert. No.  
00103840

SDMS  
Signature



2. allée des Faisans - Z.I. de Vouvray  
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Tél. : +33 (0) 450 33 70 72  
Fax : +33 (0) 450 33 70 38

E-mail : info@sadevinox.com  
Website : www.sadevinox.com

1938 - 2013  
**75**  
ANNEE  
SADREVGROUP

S.A.S au Capital de 1,014,062 € - RCS ANNECY B 351 661 943 - NAF 25.62A  
SIRET 351 661 943 00027 - N° Intracommunautaire FR 02351601943

50 ans d'expérience dans les aciers inoxydables  
A 50 year experience in stainless steel



Correspondances:

1 N/mm<sup>2</sup> = 0.102 Kg/mm<sup>2</sup> = 145 Psi

1 T/inch = 1.55 Kg/mm<sup>2</sup> = 15.20 N/mm<sup>2</sup>

CERTIFICAT D'ANALYSE  
DIN EN 10204 3.1

ADRESSE Facturation 332952

COMPTOIR LYONNAIS DE SOUDAGE  
1197 RUE NICEPHORE NIEPCE  
CS 90068

69808 SAINT-PIERRE CEDEX

Division Contact / Tél.  
2 P. longs EF Electric Fér.  
Seynod 0450337010

CERTIFICAT DU 15/09/2014 Page 9  
Certificat N° 0090182/009  
Référence 409060539  
Réf client CF125993  
Facture

CERTIFICAT D'ANALYSE  
DIN EN 10204 3.1

ADRESSE Facturation 332952

COMPTOIR LYONNAIS DE SOUDAGE  
1197 RUE NICEPHORE NIEPCE  
CS 90068

69808 SAINT-PIERRE CEDEX

DESIGNATION  
Description / Bezeichnung

FIL SOUDURE ER308L TIG 2,00x1000,00  
ER308L AWS A 5.9 1.4316 ISO 14343 - A - W 19 9 L

QUANTITE UN  
Quantity

1.00 KG

MARQUAGE  
Mark

DAVID

MF No.

4080389

COULEE/Heat  
Schmelze

119983

COULEE/Heat  
Schmelze

119983

08/12/14  
SDMS  
C. DREVEZON  
Inspecteur

| PO NR  | COULEE/Heat<br>Schmelze | MF No.  | MARQUAGE<br>Mark | QUANTITE UN<br>Quantity | DESIGNATION<br>Description / Bezeichnung  | R<br>N/mm <sup>2</sup> | SE | NE | CO | N | CU | TI | MO | NI | CR | S   | P    | SI | MN | C   | RE 0.2%<br>N/mm <sup>2</sup> | A%<br>L = 5d | Z%   | KCV-196°<br>J | HB | HFC |
|--|-------------------------|---------|------------------|-------------------------|---|------------------------|----|----|----|---|----|----|----|----|----|-----|------|----|----|-----|------------------------------|--------------|------|---------------|----|-----|
| 9  | 119983                  | 4080389 | DAVID            | 1.00 KG                 | FIL SOUDURE ER308L TIG 2,00x1000,00<br>ER308L AWS A 5.9 1.4316 ISO 14343 - A - W 19 9 L | 600                    | 9  |    |    |   |    |    |    |    |    | 400 | 38,0 |    |    | 400 | 38,0                         |              | 48,0 |               |    |     |
| <p>Propriétés mécaniques typiques du métal déposé<br/>Typical mechanical properties of all-weld metal</p> <p>Chemical composition / Composition chimique (%)</p> <p>Autres essais / Other tests / Sonstige Prüfungen</p> <p>Compliance ROHS - REACH / Free from known Mercury or Radiation contamination</p> <p>VISA DU RESPONSABLE - DATE</p> |                         |         |                  |                         |   |                        |    |    |    |   |    |    |    |    |    |     |      |    |    |     |                              |              |      |               |    |     |

SDMS n° 622146

ode 95617

**Selectarc**®

Zone Industrielle des Forges  
90600 GRANDVILLARS - France  
Tél : +33 (0)3 84 57 37 77  
Fax : +33 (0)3 84 23 57 90

manufactured and distributed by  
**FSH WELDING GROUP**



www.fsh-welding.com - info@selectarc.com

SDMS n° 63210

**SDMS**  
**RD 1532**  
**ZI Les Condamines**  
**38160 ST ROMANS**  
**FRANCE**

**CERTIFICAT DE RECEPTION**

Inspection Certificate/Abnahmeprüfzeugnis/Certificato di ricevimento

**138882 005 / 1**

**TYPE 3.1 SELON NF EN 10204**

According to / Entsprechend

Commande N° Order N° / Auftrag Nr 138882  
Réf Client Customer Ref. /Kunden Ref. 95617  
Date Cde Date / Datum 11/06/2015

**Produit** Product / Produkt WIN0312SA BSC00 71212 14512N  
**Réf.Ext.** ext reference/ext Referenz  
**Fabrication** Lot 219073-50134  
**Quantité** Quantity / Menge 405,00 KG  
**Normes** Standards / Normen

AWS A5.9 /ASME IIC SFA 5.9 : ER308L Si  
ISO 14343-A G 19 9 L Si  
N° de Mat. 1.4316

**Analyse Chimique (%)** Chemical Analysis / Chemische Analyse

| C     | SI   | Mn   | Cr    | Ni   | Cu   | Mo        | P     | S    | Fe   |
|-------|------|------|-------|------|------|-----------|-------|------|------|
| 0.014 | 0.90 | 1.92 | 19.74 | 9.70 | 0.13 | 0.15      | 0.021 | 0.01 | Rem. |
| Nb    | N    | Co   |       |      |      | WRC(1992) |       |      |      |
|       |      |      |       |      |      | 9.60      |       |      |      |

**Caractéristiques Mécaniques Typiques du Métal déposé** Typical mechanical properties of all weldmetal 2.2 / Typische mech. Werte 2.2 / Caratteristiche meccaniche tipiche del metallo depositato 2.2

| Rp0.2 ( MPa ) | Rm ( MPa ) | A5 (%) |  |  |  |
|---------------|------------|--------|--|--|--|
| 400           | 600        | 38     |  |  |  |
| KV (J)        | KV (J)     |        |  |  |  |
| +20°C: 110    | -196°C: 50 |        |  |  |  |
|               |            |        |  |  |  |
|               |            |        |  |  |  |
|               |            |        |  |  |  |
|               |            |        |  |  |  |
|               |            |        |  |  |  |

Autres / Others / Altro

**SDMS**  
C. DREYFUS  
Inspection

Grandvillars le, 15/07/2015

Directeur Qualité  
quality manager / Qualitätssicherung manager : Karine BARBIER

Imprimé d'ordinateur, valable sans signature.  
Computer print out, valid without signature / Computerausdruck, gültig ohne Unterschrift





CERTIFICATE

A03/Z02  
No. V/15-099163 Rev 00  
Date 2015-07-24 Page 1/2

A02/Z03

INSPECTION CERTIFICATE acc to  
EN 10 204 3.1

A06

SDMS  
RN 532 \_ Z. IND les CONDAMINES  
ST ROMANS  
38160 ST MARCELLIN  
FRANCE

INSPECTION STAMP  
QA-TUBE

SDMS n° 63211

|   |   |
|---|---|
| <b>Customer References</b><br>95891   | <b>Sandvik References</b><br>Order No. 412361<br>Subs No. 143244<br>Dispatch note 152612<br>Suppl. No 143244<br>C.Code 30 |
| <b>Material description</b><br>STAINLESS HOT FINISHED HOLLOW BAR<br><br><b>Steel making process</b><br>Electric furnace | <b>Steel/material Designations</b><br>Sandvik SANMAC 304L<br>EN no 1.4307/1.4301<br>AISI TP304L/TP304                     |

**Technical requirements**  
 PED 97/23/EC EN 10216-5, (leak test excluded)  
 EN 10294-2, EN 10297-2  
 NACE MR0175/ISO 15156-3:2009

**EXTENT OF DELIVERY**

| It    | Product designation    | Heat   | Lot   | Kg    |
|-------|------------------------|--------|-------|-------|
| → 01  | THB-SANMAC304L-150-106 | 541623 | 39374 | 367.5 |
|       | 150.00 X 22.00         | 541803 | 39375 | 122.5 |
| Total |                        |        |       | 490.0 |

**TEST RESULTS**

**Chemical composition (weight%)**

| Heat   | C     | Si   | Mn   | P     | S     | Cr    | Ni   | N     |
|--------|-------|------|------|-------|-------|-------|------|-------|
| 541623 | 0.008 | 0.41 | 1.10 | 0.029 | 0.024 | 18.40 | 9.14 | 0.070 |
| 541803 | 0.014 | 0.39 | 1.04 | 0.026 | 0.025 | 18.46 | 9.20 | 0.069 |

**Tensile test at room temperature**

| Lot   | Yield strength |     | Tensile strength | Elongation |
|-------|----------------|-----|------------------|------------|
|       | MPa            | MPa |                  |            |
|       | MPa            | MPa | MPa              | %          |
| 39374 | 258            | 311 | 584              | 57         |
| 39375 | 249            | 295 | 554              | 61         |

**Hardness test**

| Lot   | Min | Max |
|-------|-----|-----|
|       | HRB | HRB |
| 39374 | 76  | 78  |
| 39375 | 79  | 81  |

*SDMS*  
C. DRIVÉ  
Inspection

Quality assurance - Helen Jämtemyr / QA-manager  
MTC Service / Certificates



Following controls/tests have been satisfactorily performed:

- Flattening test.
- PMI-test.
- Intergranular corrosion test acc. to EN ISO3651-2, Method A.
- Visual inspection and dimensional control.

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**Heat Treatment:**

Solution annealed and quenched.

**Marking:**

SANDVIK SANMAC 304L EN 10216-5 EN 10294-2 EN 10297-2 EN 1.4301/EN 1.4307 HFD 1  
50.00 X 106.00 MM HT 541623 SS LOT 39374 TP304/TP304L \*QA-TUBE\*  
SANDVIK SANMAC 304L EN 10216-5 EN 10294-2 EN 10297-2 EN 1.4301/EN 1.4307 HFD 1  
50.00 X 106.00 MM HT 541803 SS LOT 39375 TP304/TP304L \*QA-TUBE\*

**Leak test:**

The tubes are exclusively intended to be used after further machining.  
The purchaser has approved that the leakage test is deferred to the finished component.

The raw material is free from radioactive contamination.

Material free from mercury contamination.

Approved acc. AD 2000-Merkblatt W0 and certified acc. to  
Pressure Equipment Directive (97/23/EC) by  
TUEV NORD; notified body, reg.no. 0045.

The number of tests are based on the size of the manufacturing lot before cutting to finished lengths.

The delivered products comply with the specifications and requirements of the order.

The material is manufactured according to a Quality system, approved and registered to ISO 9001:2008.

No unauthorized alterations. The contents of this Inspection Certificate may not be modified or revised in any way without the prior written approval of AB Sandvik Materials Technology. Unauthorized alterations to the Inspection Certificate, including introduction of false, fictitious or fraudulent statements or entries, may be punishable by fines, imprisonment, or both. This Inspection Certificate may be copied only in the manner and for the purposes specified in Section 6 of EN 10204:2004. Contravention of this notice will be prosecuted to the fullest extent of applicable law.

The certificate is produced with EDP and valid without signature.

№ cde 95915

20934 / 20335

SDMS n° 63243

1/6

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10012490-20003164-48

Izdajatelj Certifikata:  
Originalator of Inspection Document:  
Aussteller der Bescheinigung:

ACRONI, d.o.o.  
KRT-ICAKDOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenija, EU

Tel.: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: [gorazd.kesec@acroni.si](mailto:gorazd.kesec@acroni.si)  
W: <http://www.acroni.si>

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|   |  |
|---|--|
| Potrdilo o prevzemu 3.1 / Inspection certificate 3.1 /<br>Abnahmeprüfzeugnis 3.1<br>EN 10204:2004   | Prejemnik/Consignee/Empfänger<br><br>7 RUE MICHEL JACQUET CS 40087<br>69802 ST. PRIEST CEDEX<br>FRANCIJA                         |
| ŠL dokumenta / Document No. / Bescheinigungs Nr.<br>10012490-20003164-48 z / dated / vom 03.07.2015 | Proizvajalčeva št. naročila / Manufacturer's works order No. / Werksauftrag Nr.<br>20003164 z / dated / vom 27.05.2015           |
| Kupčeva št. naročila / Purchaser's order No. / Kundenbestell Nr.<br>3641                            | Št. Dobavnega lista / Packing list No. / Lieferschein Nr.<br>10012490 z / dated / vom 30.06.2015                                 |
| Št. Računa / Account No. / Kontonummer<br>1520101018391   | Kupčeva št. izdelka / Customer Article No. / Artikel Nr. des Kunden<br>Datum izdaje / Date of issue / Ausgabedatum<br>30.06.2015 |

|  |   |
|--|---|
| Izdelek / Product / Erzeugnis<br>DEBELA PLOČEVINA / HOT ROLLED PLATE / WARMGEWALZTES GROBBLECH |   |
| Tehnična zahteva / Specifications / Werkstoffvorschriften                                      | Oznaka jekla / Steel designation / Stahlbezeichnung |
| EN 10028-7:2007  | 1.4301  |
| EN 10088-2:2005  | 1.4301  |
| EN 10088-4:2009  | 1.4301  |
| EN 10028-7:2007  | 1.4307  |
| EN 10088-2:2005  | 1.4307  |
| EN 10088-4:2009  | 1.4307  |
| AD 2000-Merkblatt W 10:2008  | X2CrNi18-9  |
| AD 2000-Merkblatt W 2:2011   |   |
| ASME SA-240/SA-240M; BPVC, Sect.II, Part A, Ed.2013  | 304   |
| ASME SA-240/SA-240M; BPVC, Sect.II, Part A, Ed.2013  | 304L  |
| ASTM A 240/A 240M:2014   | 304   |
| ASTM A 240/A 240M:2014   | 304L  |
| PED 97/23/EC: 1997   |   |
|  | HOT ROLLED STAINLESS STEEL<br>W.NR.1.4307           |
| Specifikacija kupca / Customer specification No. / Kundenspezifikation                         |   |
| Dodatna tehnična zahteva / Supplementary requirements / Zusätzliche Werkstoffvorschriften      |   |
| Dobavno stanje / Product delivery condition / Lieferzustand des Erzeugnisses                   |   |
| TOPILNO ŽARJENO, LUŽENO / SOLUTION ANNEALED, PICKLED   |   |
| Stanje površina / Surface finish / Oberflächenbehandlung                                       |   |
| ASME Finish: No. 1   |   |
| ASTM Finish: No. 1   |   |
| EN Surface: 1D   |   |

| Oznake izdelka / Marking of the product / Kennzeichnung des Erzeugnisses |   |                                      |  |   |  |   |
|--|---|--------------------------------------|--|---|--|---|
| Znak proizvajalca<br>Manufacturer's mark<br>Zeichen des Herstellers      | Oznaka jekla<br>Steel grade<br>Stahlbezeichnung | Št. plošče<br>Plate No.<br>Plate Nr. | Št. sarže<br>Heat No.<br>Schmelzen Nr. | Dimenzije izdelka<br>Product dimensions<br>Abmessungen des Erzeugnisses | Zig kontrolorja<br>Stamp of the manufacturer's inspector<br>Stempel des Werksachverständigen | Zig neodvisnega inšpektorja<br>Stamp of the independent inspector<br>Stempel des unabhängige Sachverständigen |
| SIJ   ACRONI   |   |                                      |  |   |  |   |
| Dodatne oznake / Additional marking / Zusätzliche Kennzeichnungen        |   |                                      |  |   |  |   |

SDMS  
C. DEVIATION  
INSPECTION

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ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Slovenija, EU

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Dr. Gorazd Kesec

VAT NO. (ID ZA DDV): 805104751, VAT-nyilváltási azonosító szám: DDV = COMPANY NO. (HATÁLYOS ÁT.: 5611418000  
BANK ACCOUNT AND BANK (FOR IN BANKA: 555 0100 0000 0001 794, Česká spořitelna banka a.s.; 555 0212 3001 22 (4 229, 12.0.0.0) = SHARE CAPITAL / OSNOVNI KAPITAL: 83.438.521.00 €  
REGISTRATION CODE: The Official Court of Reg. Entry Register Number: 10417790 / REGISTRALNO ŠTEVILNICO: 10417790

SIJ

N° JACQUET :  
BT 446078

SDMS n° 63243

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Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:

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Fax: +386 4 584 10 71  
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W: <http://www.acroni.si>

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| Obseg dobave / Extent of material delivery / Umfang der Lieferung |                                      |                                    |  |                                   |  |   |                                     |  |
|---|--------------------------------------|------------------------------------|--|-----------------------------------|--|---|-------------------------------------|--|
| Poz. / Item / Pos.  | Št. sarže / Heat No. / Schmelzen Nr. | Št. plošče / Plate No. / Tafel Nr. | Teoretična teža / Theoretical weight / Theoretische Gewicht (kg) | Teža nelo / Weight / Gewicht (kg) | Dimenzije izdelka / Dimensions of the product / Maße des Erzeugnisses (mm) | Št. komadov / No. of pieces / Stückzahl | Št. vzorca / Sample No. / Probe Nr. |  |
| 20933 / 4B  | 293493                               | 153199280201                       | 1440,00  | 1440,00                           | 15,000 / 2000 / 6000   | 1                                       | AHP1034839<br>ASM34369              |  |
| 20935 / 4B  | 293493                               | 153199280202                       | 1440,00  | 1440,00                           | 15,000 / 2000 / 6000   | 1                                       | AHP1034839<br>ASM34369              |  |

Način izdelave jekla / Steelmaking process / Stahlherstellungsverfahren E + VOD

| Mehanske lastnosti / Mechanical properties / Mechanische eigenschaften   |                                     |  |  |     |   |       |   |  |  |  |      |      |                              |
|--|-------------------------------------|--|--|-----|---|-------|---|--|--|--|------|------|------------------------------|
| Št. sarže / Heat No. / Schmelzen Nr.   | Št. vzorca / Sample No. / Probe Nr. | Deb. izdelka / Product thick. / Produkt dicke (mm) | Smer vzorca / Sample orientation / Proben lage |     | Nap. teženja / Yield stress / Dehn grenze (MPa) |       | Nat. točnost / Tensile str. / Zugfestigkeit (MPa) | Zg. meja plastičnosti / Upper yield point / Obere Streckgrenze (MPa) | Kontrakcija / Reduction of area / Einschnürung (%) | Raztezak / Elongation / Bruchdehnung (%) |      |      | Razmerje / Ratio / Beziehung |
|  |                                     |  | T/L  | T/B | 1/2; 1/4; S2                                    | Rp0,2 |   |  |  | Rp1,0                                    | Rm   | Reh  |                              |
| Zahteva / Requirements / Anforderung   | MIN                                 |  |  |     | 210,0   | 250,0 | 520,0   |  |  |  | 45,0 | 40,0 |                              |
|  | MAX                                 |  |  |     |   |       | 700,0   |  |  |  |      |      |                              |
| 293493   | AHP1034839                          | 15,240   | T  |     | 282,0   | 317,0 | 577,0   |  |  |  | 45,5 | 48,0 |                              |
| T- Prečno / Transverse / Quer L- Vzdožno / Longitudinal / Längs T- Glava / Top / Kopl B- Noga / Bottom / Fuss<br>1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt<br>L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche<br>S2- Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche |                                     |  |  |     |   |       |   |  |  |  |      |      |                              |

| Preizkus žilavosti / Impact strength / Kerbschlagarbeit (J)  |                                     |  |   |   |  |     |              |                                       |   |   |  |
|--|-------------------------------------|--|---|---|--|-----|--------------|---------------------------------------|---|---|--|
| Št. sarže / Heat No. / Schmelzen Nr.   | Št. vzorca / Sample No. / Probe Nr. | Deb. izdelka / Product thick. / Produkt dicke (mm) | Temperatura / Temperature / Temperatur (°C) |   | Smer vzorca / Sample orientation / Proben lage |     |              | Meritev / Measurement / Messungen (J) |   |   | Povprečje / Average / Durchschnitt (J) |
|  |                                     |  | T   |   | T/L  | T/B | 1/2; 1/4; S2 | 1                                     | 2 | 3 |  |
| Zahteva / Requirements / Anforderung   | MIN                                 |  |   |   |  |     |              |                                       |   |   | 60                                     |
|  | MAX                                 |  |   |   | 20   |     |              |                                       |   |   | 60                                     |
| 293493   | AHP1034839                          | 15,240   | 20  | T |  |     |              |                                       |   |   | 374                                    |
| T- Prečno / Transverse / Quer L- Vzdožno / Longitudinal / Längs T- Glava / Top / Kopl B- Noga / Bottom / Fuss<br>1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt<br>L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche<br>S2- Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche |                                     |  |   |   |  |     |              |                                       |   |   |  |

N° JACQUET :

BT 446018

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ACRONI, d.o.o.  
Cesta Borisa Kidriča 44  
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Slovenija, EU



Pooblaščenec / Works Inspector / Werkstattdienstleistungs(f)  
Dr. Gorazd Koscec

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Dr. Gorazd Koscec

SI  
Kmetijsko gozdarski inšpektorat

VAT NO. (ID ZA DDV): EN110754. VAT registered person (registered in EU) = COEFFICIENT (KAPITAL): 15881800  
DAIR ACCOUNT AND BANK: [NRA] IN BANK: 5158 0103 0550 0008 113, Comptche banka d.d.; 001 099 2011 441 141, JBL d.d. = SHARE CAPITAL (OSNOVNO KAPITAL): 41.411.511,00 €  
REGISTRATION BODY: The Official Court of Reg. Entry & Expense Number: 15117253 | REGISTRATION ORG./AL. Číslo sadžby v Kruhu, E. 113. vlož 1 10117253

SDMS n° 63243

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Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:

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| Trdota / Hardness / Härte (HBW)        |                                       |   |                                  |
|--|---------------------------------------|---|----------------------------------|
| Št. sarže<br>Heat No.<br>Schmelzen Nr. | Št. vzorca<br>Sample No.<br>Probe Nr. | Deb. izdelka<br>Product thick.<br>Produkt dicke<br>(mm) | Meritev<br>Measure.<br>Messungen |
| Zehlevo<br>Requirem<br>Anforderung     | MIN                                   |   |                                  |
|  | MAX                                   |   | 201,0                            |
| 293493                                 | AHP1034839                            | 15,240  | 170,0                            |

| Kemična Analiza / Chemical Composition / Chemische Zusammensetzung |       |       |       |          |       |      |        |       |
|--|-------|-------|-------|----------|-------|------|--------|-------|
| Št.vzorca/ Sample No./ Probestück Nr.                              |       |       |       | ASM34369 |       |      |        |       |
| Št. Sarže/ Heat No./ Schmelzen Nr.                                 |       |       |       | 293493   |       |      |        |       |
| %C   | %Si   | %Mn   | %P    | %S       | %Cr   | %Ni  | %N     | %Cu   |
| 0,027  | 0,338 | 1,858 | 0,040 | 0,001    | 18,04 | 8,10 | 0,0753 | 0,138 |

Dimenzijska kontrola v skladu z: / Dimensional inspection according to: / Messprüfung nach:

Št. vzorca / Sample No. / Probe Nr.: AHP1034839  
EN 10029:1991 Thickness Class B0K  
EN 10029:1991 Flatness Class S0K

Prelizkus odpornosti na interkristalno korozijo / Intergranular corrosion test / Interkristalline Korrosion

Št. vzorca / Sample No. / Probe Nr.: AHP1034839

Interkristalna korozija po A262-E: OK / Intergranular corrosion test acc.A262-E: OK

Interkristalna korozija po ISO-3651-2-A: OK / Intergranular corrosion test acc.ISO-3651-2-A: OK

Interkristalna korozija po NACE-MR-0103: OK / Intergranular corrosion test acc.NACE-MR-0103: OK

Interkristalna korozija po NACE-MR-0175: OK / Intergranular corrosion test acc.NACE-MR-0175: OK

N° JACQUET :  
BT-446018

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ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Slovenija, EU

Problemlöser / Works Inspector / Werkstattdienstleistungs

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Dr. Gerard Koscec

Logo of the issuing authority.

VAT ID: [ID ZA DDV: 812340754, VAT-nyelvszerkesztés] / COMPANY ID: [MATICA št.: 502841800]  
BANK ACCOUNT AND BANK: [TERVEITANK: 635610000000743, Csejéltank: 635610000000743, IBAN: HU60 1121 0310 0000 0000 0000 0000]  
REGISTRATION BODY: The Official Court of Reg. Entry & Service Number: 10111059 | REGISTRATION ORGAN: Csejéltank v Yrejté, Ut meg. Viskha 15117200

SDMS n° 63243

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Opombe / Remarks / Bemerkungen

Potrdujemo da dobavljeni izdelki ustrezajo zahtevam naročila / We confirm herewith that the delivered products comply with the purchase order / Es wird bestätigt, daß die Erzeugnisse den Bestellanforderungen entsprechen

V soglasju s TÜV Bayern e. V. (08/1965). Sopodpisovanje s strani TÜV Bayern Sachsen e. V. ni potrebno (dopis z dne 20.06.1996). / Im Einvernehmen mit dem TÜV Bayern e. V. (08/1965). Gegenzeichnungsverzicht durch TÜV Bayern Sachsen e. V. mit Schreiben vom 20.06.1996 / As agreed with TÜV Bayern e. V. (08/1965). Countersignature by TÜV Bayern Sachsen e. V. is not required (letter of 20 June 1996).

Certificiran sistem vodenja kakovosti po direktivi 97/23/ES, priloga I, točka 4.3 s strani TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, priglaseni organ-registracijska številka 0036 (okt. 2002).

Zertifiziert nach DGRL 97/23/EG, Anhang I, Abschnitt 4.3 durch TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, Benannte Stelle-Kennnummer 0036 (Oktober 2002).

Certified according to PED 97/23/EC, Annex I, Paragraph 4.3 by TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, notified body-registration number 0036 (October 2002).

HEAT TREATMENT : SOLUTION ANNEALED AT MIN. 1050°C, WATER QUENCHED  
WARMBEHANDLUNG : LOSUNGSGLUHEN BEI MIN. 1050°C, WASSER ABGESCHRECKT

Meritve sevanja: NI RADIOAKTIVNEGA ONESNAŽENJA / Measuring Radiation: NO RADIOACTIVE CONTAMINATION

Spekrometerska analiza - PMI: OK / Spectrometer sorting test ? PMI: OK

Vizualni pregled: OK / Visual Inspection: OK

Priloga / Annex / Anbau:

Priloga / Annex / Anbau: 1: CE znak / CE marking

Priloga / Annex / Anbau: 1: CE znak / CE marking

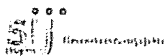
N° JACQUET :  
B7-446018

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SI-4270 Jesenice  
Slovenia, EU




ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works Inspector / Werkssachverständiger  
Dr. Gerazd Kosec



SDMS n° 63243

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Priloga/ Annex/ Anbau: 1

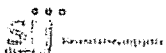
|  |   |
|--|---|
| <br><b>0036</b>   |   |
| ACRONI d.o.o.<br>Cesta Borisa Kidriča 44<br>SI-4270 Jesenice, Slovenija<br>12<br><br>ACR-4307-P_CPR_12-13  |   |
| EN 10088-4:2009<br><br>Vroča valjana pločevina X2CrNi18-9 / 1.4307<br>Warmgewalztes Blech X2CrNi18-9 / 1.4307<br>Hot rolled plate X2CrNi18-9 / 1.4307<br><br>Predvidena uporaba: Kovinske konstrukcije ali sestavljene kovinske in belonske konstrukcije<br>Metallbauwerke oder in Metall-/ Betonverbundbauwerken<br>Metal structures or in composite metal and concrete structures.<br><br>Tolerance dimenzij in oblike<br>Grenzabmaße und Formtoleranzen<br>Tolerances on Dimensions and shape<br>EN 18286, razred / Klasse / class: B/N |   |
| Raztezek / Dehnung / Elongation<br>Natezna trdnost / Zugfestigkeit / Tensile strength<br>Napetost tečenja / Streckgrenze / Yield strength<br>Udarno delo / Kerbschlagarbeit / Impact strength<br>Varivost CEV / Schweißelignung CEV / Weldability CEV<br>Trajnost / Dauerhaftigkeit / Durability   | Izraženo, kot je navedeno v izjavi o lastnostih<br>Ausgedrückt als in der Leistungserklärung angegeben<br>Expressed as indicated in the DoP |
| Regulirana snov: Ni preverjeno. / Regulierter Stoff: Keine Leistung festgestellt. / Regulated Substance: No performance determined   |   |

N° JACQUET :  
BT 446018

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SI-4270 Jesenice  
Slovenija, EU

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Slovenija, EU  
Poslaženec / Werksinspektor / Werksschwerendige  
Dr. Gorazd Kosco



SDMS n° 63243

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Izdajatelj Certifikata:  
Originator of Inspection Document  
Aussteller der Bescheinigung:

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W: <http://www.acroni.si>

6/6

10012490-20003164-4B

Page 6 / 6

Priloga / Annex / Anbau: 1

|  |   |
|--|---|
| <h1>CE</h1>  |   |
| 0036   |   |
| ACRONI d.o.o.<br>Cesta Borisa Kidriča 44<br>SI-4270 Jesenice, Slovenija<br>12<br><br>ACR-4301-P_CPR_12-13  |   |
| EN 10088-4:2009<br><br>Vročje valjana pločevina X5CrNi18-10 / 1.4301<br>Warmgewalztes Blech X5CrNi18-10 / 1.4301<br>Hot rolled plate X5CrNi18-10 / 1.4301<br><br>Predvidena uporaba: Kovinske konstrukcije ali sestavljene kovinske in betonske konstrukcije<br>Metallbauwerke oder in Metall-/ Betonverbundbauwerken<br>Metal structures or in composite metal and concrete structures.<br><br>Tolerance dimenzij in oblike<br>Grenzabmaße und Formtoleranzen<br>Tolerances on Dimensions and shape<br>EN 18286, razred / Klasse / class: B/N |   |
| Raztezek / Dehnung / Elongation<br>Natezna trdnost / Zugfestigkeit / Tensile strength<br>Napetost tečenja / Streckgrenze / Yield strength<br>Udarno delo / Kerbschlagarbeit / Impact strength<br>Varljivost CEV / Schweißeignung CEV / Weldability CEV<br>Trajnost / Dauerhaftigkeit / Durability  | Izraženo, kot je navedeno v izjavi o lastnostih<br>Ausgedrückt als in der Leistungserklärung angegeben<br>Expressed as indicated in the DoP |
| Regulirana snov: NI preverjeno. / Regulierter Stoff: Keine Leistung festgestellt. / Regulated Substance: No performance determined   |   |

N° JACQUET :  
BT 446 018

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ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
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Slovenija, EU  
Publicist / Works Inspector / Werksschwermetalle  
Dr. Gorazd Kosec

0 6 0  
10012490-20003164-4B

VAT NO. (ID ZA DDV): 015440754 VAT registered person / registered to EU = COMPANY NO. / MATRICA št.: 58314200  
BANK ACCOUNT / IBAN BANK: TRZBI BANKA: 5151 0700 0002 0008 201, Creditbank d.d.; 0151 0722 2001 0004 010, IAB d.d. = SHARE CAPITAL / OSNOVNI KAPITAL: 61,118 531,00 €  
REGISTRATION BODY: The State Court of Kranj, Entry Register Number: 15117003 / REGISTRENI ORGAN: Okrajno sodišče v Kranju, št. reg. vlistu 10417200



**ACERINOX EUROPA**  
 FABRICA DEL CAÑO DE GIBRALTAR  
 PALMONES (LOS BARRIOS)  
 T.FNO.: (34) - 956 62 93 00  
 FAX.: (34) - 956 62 93 11  
 P.O. BOX 83  
 11370 LOS BARRIOS (CADIZ)



**INSPECTION CERTIFICATE**  
**CERTIFICAT D'INSPECTION**

3.1

ACCORDING TO EN 10204

CERTIFICATE N° 52 2016 997 20002 \*  
 IF CERTIFICATE

|  |  |   |
|--|--|---|
| <b>CUSTOMER</b><br>CLIENT:   | <b>OUR ORDER N°</b><br>NÔTRE N° CO.      | <b>YOUR ORDER N°</b><br>VOTRE N° CO.                    |
| 7 rue Michel Jacquet CS 4000 /<br>09802 SAINT PRIEST CEDEX<br>France | PL 974                                   | 3516 rev 00   |
|  | <b>TRADE-MARK</b><br>SIGLE DE PRODUCTION | <b>INSPECTOR'S STAMP</b><br>POUR LE BUREAU D'INSPECTION |
|  |  | <b>STEELMAKING PROCESS</b><br>PROCÉDÉ D'ÉLABORATION     |

|   |  |   |                            |
|---|--|---|----------------------------|
| <b>REQUIREMENTS</b><br>EXIGENCES  | <b>INTERGRANULAR CORROSION</b><br>CORROSION INTERGRIANULAIRE | <b>GRADE</b><br>MÉTIERE   | <b>FINISH</b><br>FINI      |
| EN 10028-2:2000 EN ISO 10289 (Thickness Tolerances)<br>EN 10028-7:2000 EN ISO 10289 (Thickness Tolerances)<br>ASTM A240/E414/A400/E414 ASME Section SA 240/SA 400/E414<br>EN 10088-2:2005 EN ISO 10288 (Thickness Tolerances)<br>ASTM A240/E414/A400/E414 ASME Section SA 240/SA 400/E414 | ASTM-A-202 PRACTICE E<br><br>ASTM-A-202 PRACTICE E           | Acs 150 1.4307<br>Acs 150 1.4301<br>Acs 160 TP-304<br>Acs 160 1.4307<br>Acs 160 TP-304L | 1D<br>1D<br>1D<br>1D<br>1D |

| COIL / BOX<br>BOÎTE/CAISSE | CONTENT<br>CONTENU | DIMENSIONS<br>DIMENSIONS |                  |                    | MARKS<br>MARQUE | QUANTITY<br>QUANTITÉ | TEST N°<br>ÉCHANTILLON |   |
|----------------------------|--------------------|--------------------------|------------------|--------------------|-----------------|----------------------|------------------------|---|
|                            |                    | THICKNESS<br>ÉPAISSEUR   | WIDTH<br>LARGEUR | LENGTH<br>LONGUEUR |                 |                      |                        |   |
| C4207C                     | 01H8WT EA          | 25,000                   | 1600,00          | 3000,00            | 26              | 1                    | 01H8WT E               | C |
| C4238K                     | 01H8WT DA          | 25,000                   | 1500,00          | 3000,00            | 27              | 2                    | 01H8WT D               | C |
| C4238K                     | 01H8WT DB          | 25,000                   | 1500,00          | 3000,00            | 27              | 2                    | 01H8WT D               | C |
| C4238L                     | 01H8WT DC          | 25,000                   | 1500,00          | 3000,00            | 26              | 2                    | 01H8WT D               | C |
| C4238L                     | 01H8WT DD          | 25,000                   | 1500,00          | 3000,00            | 26              | 2                    | 01H8WT D               | C |

| CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE (%) |       |        |       |       |       |       |       |       |       |  |
|--|-------|--------|-------|-------|-------|-------|-------|-------|-------|--|
| HEAT N°<br>COALE                             | C     | CR     | MN    | N     | NI    | P     | S     | SI    | CO    |  |
| H8WT   | 0,018 | 17,045 | 1,015 | 0,083 | 8,025 | 0,024 | 0,001 | 0,501 | 0,086 |  |

| MECHANICAL PROPERTIES / CARACTERISTIQUES MECANIKUES |                        |                         |                             |                             |          |         |              |       |           |              |              |  |
|---|------------------------|-------------------------|-----------------------------|-----------------------------|----------|---------|--------------|-------|-----------|--------------|--------------|--|
| TEST N°<br>ÉCHANTILLON                              | THICKNESS<br>ÉPAISSEUR | Rm<br>N/mm <sup>2</sup> | Rp 0,2<br>N/mm <sup>2</sup> | Rp 1.0<br>N/mm <sup>2</sup> | A50<br>% | A5<br>% | KV1+20°<br>J | HRB   | A200<br>% | KV2+20°<br>J | KV3+20°<br>J |  |
| 01H8WT D  | 25                     | 649,84                  | 325,70                      | 365,89                      | 51,92    | 52,92   | 260,00       | 89,00 | 50,93     | 270,00       | 270,00       |  |
| 01H8WT E  | 25                     | 648,68                  | 317,81                      | 358,53                      | 51,39    | 52,39   | 280,00       | 86,00 | 50,38     | 270,00       | 270,00       |  |

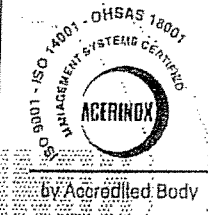
|  |   |
|--|---|
| <b>REMARKS / REMARQUES</b>   | <b>SURFACE AND DIMENSIONAL CONTROL</b><br>INSPECTION DIMENSIONNELLE ET VISUELLE |
| CERTIFIED ACC. TO PRESSURE EQUIPMENT DIRECTIVE 97 / 23 / EC<br>BY TÜV SÜDDEUTSCHLAND CERT. NO: 06 / 2001 / MUC<br>EN 10088-2<br>The delivery is in accordance with the order<br>Température de hipertemple entre 1050 y 1100 °C. |   |
|  | SATISFACTORY<br>SATISFAISANT  |
|  | <b>WORK INSPECTOR</b><br>INSPECTEUR   |
|  |   |
|  | A. Heredia  |

N° JACQUET :  
BT 446018

SDMS n° 63244

2/3  
020613  
020614

**ACERINOX EUROPA**  
FABRICA DEL CAIYO DE GIBRALTAR  
PALMONES (LOS BARRIOS)  
Tfno. (34) - 956 62 93 60  
Fax (34) - 956 62 93 11  
F.O. BOX 03  
11396 LOS BARRIOS (CADIZ)



# Abnahmeprüfzeugnis INSPECTION CERTIFICATE

ACCORDING TO EN 10204 3.1  
NACH

Prüf - Nr. 52 2015 997 20001 E  
Inspection No.

Zustimmungschieben des TÜV Baden am 21. Februar 1993  
Letter of approval from the TÜV Baden dated 21-2-93  
Laut Schreiben des TÜV Baden n. v. vom 25. Juni 1. 999 wird auf die Genehmigung verzichtet.  
TUV Baden recourse to the counter signature according their letter dated 26-6-99

Besteller - Customer Auftrags Nr. - Dir order n° Bestellung Nr. - Your order n°  
PL 974 3510 rev 00

Prüfgegenstand - Article Werkstoff Nr und Lieferzustand - Material n° and Condition of Delivery  
BLECH (PLATE) 1.4301/1.4307 ID

Werkstoff - Normbez Standard - Grade of Material Worksbox - Works Grade Erhitzungsart - Steelmaking Process  
X5CrNi 18-10X2CrNi18-9 Acx-150 A = AOD Verfahren - AOD Process A

Anforderungen - Technical requirements Kennzeichnung - Marking  
EN 10023-7/1NB 1001AD-2800 HEKBLATT (V21W10) DGR 971231EG (PE0) EN ISO 10250 (Thickness Tolerances) Schmelznummer - II° of coil

Zeichen des Lieferwerks - Grant of the manufacturer Stempel des Sachverständigen - Inspector's stamp  
ACERINOX 4511

| Pos. Nr.<br>Item N° | Stückzahl<br>Quantity | Abmessung - Dimensions<br>mm | Schmelze Nr<br>Heat N° | Probe Nr<br>Test N° |   |
|---------------------|-----------------------|------------------------------|------------------------|---------------------|---|
| 25                  | 1                     | 25,000 x 1.500,00 x 3.000,00 | H8WT                   | 01H8WT E            | C |
| 26                  | 4                     | 25,000 x 1.500,00 x 3.000,00 | H8WT                   | 01H8WT D            | C |
| 27                  | 4                     | 25,000 x 1.500,00 x 3.000,00 | H8WT                   | 01H8WT D            | C |

### Chemische Analyse - Chemical Composition (%)

| Schmelze Nr<br>Heat N°        | C     | CR               | MN    | N     | NI              | P     | S     | SI    | CO    |  |  |  |  |  |
|-------------------------------|-------|------------------|-------|-------|-----------------|-------|-------|-------|-------|--|--|--|--|--|
| Anforderungen<br>Requirements | 0,030 | 17,500<br>19,500 | 2,000 | 0,100 | 8,000<br>10,500 | 0,045 | 0,015 | 1,000 |       |  |  |  |  |  |
| H8WT                          | 0,018 | 17,645           | 1,615 | 0,093 | 8,025           | 0,024 | 0,001 | 0,501 | 0,086 |  |  |  |  |  |

### Mechanische Eigenschaften - Mechanical Properties

| Probe Nr<br>Test N°           | Prob.-Lage<br>Pos of Test | Abmessungen<br>des Probestabs<br>Dim. of specimen<br>Breite x Dicke<br>Width x Thickness<br>mm | Rm<br>N/mm2 | Rp 0.2<br>N/mm2 | Rp 1.0<br>N/mm2 | A5<br>% | KV1 + 20°<br>J | KV2 + 20°<br>J | KV3 + 20°<br>J |  |  |  |  |
|-------------------------------|---------------------------|--|-------------|-----------------|-----------------|---------|----------------|----------------|----------------|--|--|--|--|
| Anforderungen<br>Requirements |                           | 520,00<br>720,00   | 520,00      | 210,00          | 250,00          | 45,00   | 60,00          | 60,00          | 60,00          |  |  |  |  |
| 01H8WT D                      | C T                       | 45,000 25,00   | 649,84      | 325,70          | 366,69          | 52,92   | 250,00         | 270,00         | 270,00         |  |  |  |  |
| 01H8WT E                      | C T                       | 45,000 25,00   | 648,68      | 317,81          | 358,63          | 52,39   | 280,00         | 270,00         | 270,00         |  |  |  |  |

Beauftragung und Masskontrolle wurden durchgeführt: O.B. Surface and dimensions controlled: O.K.  
Der Werkstoff ist beständig gegen intermetallische Korrosion gemäss EN ISO 3651-2  
The material is resistant to intermetallic corrosion test according to EN ISO 3651-2  
Spektroskopische Identifizierung: O.B. Spectrometrical identity test: O.K.  
Wärmebehandlung: Glühen bei 1050 - 1100 °C  
Heat treatment:  
Und Abschrecken mit Luft, cooling with air.  
Die Lieferung entspricht der Bestellung. The delivery is in accordance with the order.  
Issued in agreement with TÜV SÜD Industrie Service GmbH (02/1903)

N° JACQUET :  
BT 446018

WERKSACHVERSTÄNDIGER  
WORK INSPECTOR  
A. Hofella

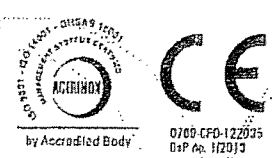
Zaunfts ist per EDV erstellt und ohne  
Unterschrift gültig gemäss E-Norm 10204

Palmones, 18 MARZO 2015

SDMS n° 63244

3/3

**ACERINOX EUROPA**  
 FABRICA DEL CAPO DE GIBALTAR PALMONES (LOS BARRIOS)  
 TFM: (34) - 956 62 93 00  
 FAX: (34) - 956 62 93 11  
 P.O. BOX 83  
 11370 LOS BARRIOS (CAJIZ)



**INSPECTION CERTIFICATE**  
**CERTIFICAT D'INSPECTION** 3.1

ACCORDING TO EN 10204 CERTIFICATE N° 52 2015 997 20001 Y  
 SUJVAIT

|   |  |   |
|---|--|---|
| <b>CUSTOMER</b><br>CLIENT   | <b>OUR ORDER N°</b><br>NOTRE N° CO         | <b>YOUR ORDER N°</b><br>VOTRE N° CO                 |
| 7 rue Michel Jacquet CS 4008<br>69002 SAVIT PRIST CEDEX<br>France | PL 974                                     | 3516-rev 00   |
| <b>REQUIREMENTS</b><br>EXIGENCES                                  | <b>TRADE MARK</b><br>SIGLE DE L'INDUSTRIEL | <b>INSPECTOR'S STAMP</b><br>POUR LE L'INSPECTEUR    |
| EN 10088-4:2008 EN 150-16295 (Thickness Tolerance)                | ACERINOX                                   | <b>STEELMAKING PROCESS</b><br>PROCEDE D'ELABORATION |
|   |  | A.D.D.  |

|  |  |                           |                       |
|--|--|---------------------------|-----------------------|
| <b>REQUIREMENTS</b><br>EXIGENCES                   | <b>INTERGRANULAR CORROSION</b><br>CORROSION INTERGRIANULAIRE | <b>GRADE</b><br>PATELIERE | <b>FINISH</b><br>FINI |
| EN 10088-4:2008 EN 150-16295 (Thickness Tolerance) |  | Acs 160 1.4307            | 1B                    |

206 B  
206 A  
206 H

| COIL / BOX<br>BOULLE/CAISSE | CONTENT<br>CONTENU | DIMENSIONS<br>DIMENSIONS |                  |                    | MARKS<br>MARQUE | QUANTITY<br>QUANTITE | TEST N°<br>ECHANTILLON |   |
|-----------------------------|--------------------|--------------------------|------------------|--------------------|-----------------|----------------------|------------------------|---|
|                             |                    | THICKNESS<br>EPaisseur   | WIDTH<br>LARGEUR | LENGTH<br>LONGUEUR |                 |                      |                        |   |
| C4207C                      | 01HBWT EA          | 25,000                   | 1500,00          | 3000,00            | 26              | 1                    | 01HBWT E               | C |
| C4238K                      | 01HBWT DA          | 25,000                   | 1500,00          | 3000,00            | 27              | 2                    | 01HBWT D               | C |
| C4238K                      | 01HBWT DB          | 25,000                   | 1500,00          | 3000,00            | 27              | 2                    | 01HBWT D               | C |
| C4238L                      | 01HBWT DC          | 25,000                   | 1500,00          | 3000,00            | 26              | 2                    | 01HBWT D               | C |
| C4238L                      | 01HBWT DD          | 25,000                   | 1500,00          | 3000,00            | 26              | 2                    | 01HBWT D               | C |

**CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE (%)**

| HEAT N°<br>COULEE                | C     | CR     | MN     | N     | NI    | P     | S     | SI    | CO    |
|----------------------------------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| <b>REQUIREMENTS</b><br>EXIGENCES | 0,030 | 17,500 | 19,500 | 2,000 | 0,100 | 8,000 | 0,045 | 0,015 | 1,000 |
| HBWT                             | 0,018 | 17,645 | 1,615  | 0,063 | 8,025 | 0,024 | 0,001 | 0,501 | 0,086 |

**MECHANICAL PROPERTIES / CARACTERISTIQUES MECANIKUES**

| TEST N°<br>ECHANTILLON           | THICKNESS<br>EPAISSEUR | Rm<br>N/mm2      | Rp 0.2<br>N/mm2 | Rp 1.0<br>N/mm2 | A5<br>% |
|----------------------------------|------------------------|------------------|-----------------|-----------------|---------|
| <b>REQUIREMENTS</b><br>EXIGENCES |                        | 500,00<br>700,00 | 200,00          | 240,00          | 45,00   |
| 01HBWT D                         | C-T                    | 640;84           | 325,70          | 385,89          | 62,92   |
| 01HBWT E                         | C-T                    | 640;88           | 317,81          | 358,53          | 52,39   |

|   |   |
|---|---|
| <b>REMARKS / REMARQUES</b><br>The delivery is in accordance with the order  | <b>SURFACE AND DIMENSIONAL CONTROL</b><br>INSPECTION DIMENSIONNELLE ET VISUELLE |
| <div style="border: 1px solid black; padding: 5px; display: inline-block;">           N° JACQUET<br/>BT 446018         </div> | SATISFACTORY<br>SATISFAISANT  |
|   | <b>WORK INSPECTOR</b><br>INSPECTEUR<br><br><br>A. Heredia                       |

ede 95915

SDMS n° 63245

114

**sij** | acroni

10009332-20002305-2

Izdajatelj Certifikata:  
Originator of Inspection Document  
Aussteller der Bescheinigung:

ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EU

Tel: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: [gorazd.kosec@acroni.si](mailto:gorazd.kosec@acroni.si)  
W: <http://www.acroni.si>

|   |  |
|---|--|
| Potrdilo o prevzemu 3.1 / Inspection certificate 3.1 /<br>Abnahmeprüfzeugnis 3.1<br>EN 10204:2004   | Prejemnik/Consignee/Empfänger<br><br>JACQUET LYON ZA GRAMMONT<br>9 RUE GARIBALDI<br>F-69800 ST PRIEST<br>FRANCIJA      |
| Št. dokumenta / Document No. / Bescheinigungs Nr.<br>10009332-20002305-2 z / dated / vom 25.05.2015 |  |
| Kupčeva št. naročila / Purchaser's order No. / Kundenbestell Nr.<br>49189                           | Proizvajalčeva št. naročila / Manufacturer's works order No. / Werksauftrag Nr.<br>20002305 z / dated / vom 07.04.2015 |
| Št. Dobavnega lista / Packing list No. / Lieferschein Nr.<br>10009332 z / dated / vom 22.05.2015    | Kupčeva št. izdelka / Customer Article No. / Artikel Nr. des Kunden  |
| Št. Računa / Account No. / Kontonummer<br>1520101015091   | Datum izdaje / Date of Issue / Ausgabedatum<br>22.05.2015  |

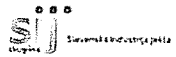
|   |   |
|---|---|
| Izdelek / Product / Erzeugnis<br>DEBELA PLOČEVINA / HOT ROLLED PLATE / WARMGEWALZTES GROBBLECH  |   |
| Tehnične zahteve / Specifications / Werkstoffvorschriften   |   |
| EN 10028-7:2007   | Oznaka jekla / Steel designation / Stahlbezeichnung<br>1.4301 |
| EN 10088-2:2005   | 1.4301  |
| EN 10028-7:2007   | 1.4307  |
| EN 10088-2:2005   | 1.4307  |
| AD 2000-Merkblatt W 10:2008   | X2CrNi18-9  |
| AD 2000-Merkblatt W 2:2011  |   |
| ASME SA-240/SA-240M; BPVC, Sect.II, Part A, Ed.2013   | 304   |
| ASME SA-240/SA-240M; BPVC, Sect.II, Part A, Ed.2013   | 304L  |
| ASTM A 240/A 240Ma:2014   | 304   |
| ASTM A 240/A 240Ma:2014   | 304L  |
| PED 97/23/EC: 1997  |   |
| HOT ROLLED STAINLESS STEEL<br>W.NR.1.4307   |   |
| Specifikacija kupca / Customer specification No. / Kundenspezifikation  |   |
| Dodatne tehnične zahteve / Supplementary requirements / Zusätzliche Werkstoffvorschriften   |   |
| Dobavno stanje / Product delivery condition / Lieferzustand des Erzeugnisses<br>TOPILNO ZAFUJENO, LUŽENO / SOLUTION ANNEALED, PICKLED |   |
| Stanje površina / Surface finish / Oberflächenbehandlung<br>ASME Finish:No. 1<br>ASTM Finish:No. 1<br>EN Surface:1D                   |   |

| Oznake izdelka / Marking of the product / Kennzeichnung des Erzeugnisses |   |                                      |  |  |  |   |
|--|---|--------------------------------------|--|--|--|---|
| Znak proizvajalca<br>Manufacturer's mark<br>Zeichen des Herstellers      | Oznaka jekla<br>Steel grade<br>Stahlbezeichnung | Št. plošče<br>Plate No.<br>Plate Nr. | Št. sarže<br>Heat No.<br>Schmelzen Nr. | Dimenzije izdelka<br>Product dimensions<br>Abmessungen des Erzeugnis | Zig kontrolorja<br>Stamp of the manufacturers inspector<br>Stempel des Werkssachverständigen | Zig neodvisnega inšpektorja<br>Stamp of the independent inspector<br>Stempel des unabhängige Sachverständigen |
| SIJ   ACRONI   |   |                                      |  |  |  |   |
| Dodatne Oznake / Additional marking / Zusätzliche Kennzeichnungen        |   |                                      |  |  |  |   |

N° JACQUET :  
f. 1459  
1460

SDMS  
C. DRBOŠIČ  
Inspector

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works inspector / Werkssachverständige(r)  
Dr. Gorazd Kosec



SDMS n° 63245

sij | acroni

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung.

ACRONI, d.o.o.  
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W: <http://www.acroni.si>

10009332-20002305-2

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| Obseg dobave / Extent of material delivery / Umfang der Lieferung |                                      |                                    |  |                                   |  |   |                                     |  |
|---|--------------------------------------|------------------------------------|--|-----------------------------------|--|---|-------------------------------------|--|
| Poz. / Item. / Pos.   | Št. Sarže / Heat No. / Schmelzen Nr. | Št. plošče / Plate No. / Tafel Nr. | Teoretična teža / Theoretical weight / Theoretische Gewicht (kg) | Teža neto / Weight / Gewicht (kg) | Dimenzije izdelka / Dimensions of the product / Maße des Erzeugnisses (mm) | Št. komadov / No. of pieces / Stückzahl | Št. vzorca / Sample No. / Probe Nr. |  |
| 2   | 292957                               | 153171620301                       | 960,00   | 960,00                            | 10,000 / 2000 / 6000   | 1                                       | AHP777575                           |  |
|   |                                      |                                    |  |                                   |  |   | ASM22327                            |  |
| 2   | 292957                               | 153171620302                       | 960,00   | 960,00                            | 10,000 / 2000 / 6000   | 1                                       | AHP777575                           |  |
|   |                                      |                                    |  |                                   |  |   | ASM22327                            |  |

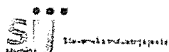
Način izdelave jekla / Steelmaking process / Stahlerstellungsverfahren E + VOD

| Mehanske lastnosti / Mechanical properties / Mechanische eigenschaften   |                                     |  |  |     |   |       |   |  |   |  |      |      |                              |
|--|-------------------------------------|--|--|-----|---|-------|---|--|---|--|------|------|------------------------------|
| Št. sarže / Heat No. / Schmelzen Nr.   | Št. vzorca / Sample No. / Probe Nr. | Deb. izdelka / Product thick. / Produkt dicke (mm) | Smer vzorca / Sample orientation / Proben lage |     | Nap. tečenja / Yield stress / Dehn grenze (MPa) |       | Nat. trdnost / Tensile str. / Zugfestigkeit (MPa) | Zg. meja / Zg. meja / Obere Streckgrenze (MPa) | Kontakcija / Reduction of area / Einschnürung (%) | Raztezek / Elongation / Bruchdehnung (%) |      |      | Razmerje / Ratio / Beziehung |
|  |                                     |  | T/L  | T/B | 1/2; 1/4; S2                                    | Rp0,2 |   |  |   | Rp1,0                                    | Rm   | Reh  |                              |
| Zahteva / Requirements / Anforderung   | MIN                                 |  |  |     | 210,0   | 250,0 | 520,0   |  |   |  | 45,0 | 40,0 |                              |
|  | MAX                                 |  |  |     |   |       | 700,0   |  |   |  |      |      |                              |
| 292957   | AHP777575                           | 10,130   | T  |     | 231,0   | 279,0 | 556,0   |  |   |  | 49,0 | 52,0 |                              |
| T- Prečno / Transverse / Quer L- Vz dolžno / Longitudinal / Längs T- Glava / Top / Kopf B- Noga / Bottom / Fuss        |                                     |  |  |     |   |       |   |  |   |  |      |      |                              |
| 1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt |                                     |  |  |     |   |       |   |  |   |  |      |      |                              |
| L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche                 |                                     |  |  |     |   |       |   |  |   |  |      |      |                              |
| S2- Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche        |                                     |  |  |     |   |       |   |  |   |  |      |      |                              |

| Preizkus žilavosti / Impact strength / Kerbschlagarbeit (J)  |                                     |  |   |  |     |     |              |                                       |     |     |  |
|--|-------------------------------------|--|---|--|-----|-----|--------------|---------------------------------------|-----|-----|--|
| Št. sarže / Heat No. / Schmelzen Nr.   | Št. vzorca / Sample No. / Probe Nr. | Deb. izdelka / Product thick. / Produkt dicke (mm) | Temperatura / Temperature / Temperatur (°C) | Smer vzorca / Sample orientation / Proben lage |     |     |              | Meritev / Measurement / Messungen (J) |     |     | Povprečje / Average / Durchschnitt (J) |
|  |                                     |  |   | T  | T/L | T/B | 1/2; 1/4; S2 | 1                                     | 2   | 3   |  |
| Zahteva / Requirements / Anforderung   | MIN                                 |  |   |  |     |     |              | 60                                    | 60  | 60  | 60                                     |
|  | MAX                                 |  |   |  | 20  |     |              |                                       |     |     |  |
| 292957   | AHP777575                           | 10,130   | 20  | T  |     |     |              | 342                                   | 358 | 311 | 330                                    |
| T- Prečno / Transverse / Quer L- Vz dolžno / Longitudinal / Längs T- Glava / Top / Kopf B- Noga / Bottom / Fuss        |                                     |  |   |  |     |     |              |                                       |     |     |  |
| 1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt |                                     |  |   |  |     |     |              |                                       |     |     |  |
| L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche                 |                                     |  |   |  |     |     |              |                                       |     |     |  |
| S2- Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche        |                                     |  |   |  |     |     |              |                                       |     |     |  |

N° JACQUET :  
f. 1459  
1460

ACRONI d.o.o.  
Cesta Božisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works Inspector / Werkssachverständiger:  
Dr. Gorazd Kosce



VAT ID: | ID ZA DDV: SI25840754. VAT-erjibend person | zavezanec za DDV = DDU PAJNY MO. (UATČIAA ŠT.: 5548410000  
BANK ACCOUNT AND BANK: | TRR BY BANKA: SI58 0700 0000 0009 259, Gorenjska banka d.d.; 0158 0222 3001 6344 029, NLB d.d. = SHARE CAPITAL / OSNOVNO KAPITAL: 83.458.521,00 €  
REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTROVANI ORGAN: Območno sodišče v Kranju, št. rep. vlist: 10417200

SDMS n° 63245

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10009332-20002305-2

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EUTel.: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: gorazd.kosec@acroni.si  
W: <http://www.acroni.si>

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| Trdota / Hardness / Härte (HBW)        |                                       |   |                                  |
|--|---------------------------------------|---|----------------------------------|
| Št. sarže<br>Heat No.<br>Schmelzen Nr. | Št. vzorca<br>Sample No.<br>Probe Nr. | Deb. izdelka<br>Product thick.<br>Produkt dicke<br>(mm) | Meritev<br>Measure.<br>Messungen |
| Zahteve<br>Requirem<br>Anforderung     | MIN                                   |   |                                  |
|  | MAX                                   |   | 201,0                            |
| 292957                                 | AHP777575                             | 10,130  | 156,0                            |

| Kemična Analiza / Chemical Composition / Chemische Zusammensetzung |       |       |       |       |       |          |        |       |  |
|--|-------|-------|-------|-------|-------|----------|--------|-------|--|
| Št.vzorca / Sample No. / Probestuck Nr.                            |       |       |       |       |       | ASM22327 |        |       |  |
| Št. Sarže / Heat No. / Schmelzen Nr.                               |       |       |       |       |       | 292957   |        |       |  |
| %C   | %Si   | %Mn   | %P    | %S    | %Cr   | %Ni      | %N     | %Co   |  |
| 0,020  | 0,253 | 1,895 | 0,036 | 0,001 | 18,13 | 8,36     | 0,0917 | 0,151 |  |

Dimenzijska kontrola v skladu z: / Dimensional inspection according to: / Messprüfung nach:

Št. vzorca / Sample No. / Probe Nr.: AHP777575,

EN 10029:1991 Thickness Class B OK

EN 10029:1991 Flatness Class S OK

Preizkus odpornosti na interkristalno korozijo / Intergranular corrosion test / Interkristalline Korrosion

Št. vzorca / Sample No. / Probe Nr.: AHP777575,

Interkristalna korozija po A262-E: OK / Intergranular corrosion test acc.A262-E: OK

Interkristalna korozija po ISO-3651-2-A: OK / Intergranular corrosion test acc.ISO-3651-2-A: OK

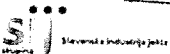
Interkristalna korozija po NACE-MR-0103: OK / Intergranular corrosion test acc.NACE-MR-0103: OK

Interkristalna korozija po NACE-MR-0175: OK / Intergranular corrosion test acc.NACE-MR-0175: OK

Opombe / Remarks / Bemerkungen

Potrjujemo da dobavljeni izdelki ustrezajo zahtevam naročila / We confirm herewith that the delivered products comply with the purchase order / Es wird bestätigt, daß die Erzeugnisse den Bestellanforderungen entsprechen

N° JACQUET :  
f. 1459  
1460

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Problematičenec / Works inspector / Werkssachverständiger(r)  
Dr. Gorazd KosecVAT NO. | ID ZA DDV: SI25940154, VAT-registered person | zavzemanje za DDV = COMPANY NO. | MATIČNA ŠT.: 508841600  
BANK ACCOUNT AND BANK | TRR IN BANKA: SI56 0700 0000 0006 298, Gorenjska banka d.d.; SI56 0292 3001 6544 869, NLB d.d. \* SHARE CAPITAL | OSNOVNI KAPITAL: 83.458.521,00 €  
REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTRSKI ORGAN: Okrožno sodišče v Kranju, št. rej. vložba 10417200

**sij** | acroni

10009332-20002305-Z

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:

ACRONI, d.o.o.  
RRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EU

Tel.: +386 4 684 10 16  
Fax: +386 4 684 10 71  
E-Mail: [gorazd.kosec@acroni.si](mailto:gorazd.kosec@acroni.si)  
W: <http://www.acroni.si>

SDMS n° 63245

W/L

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V soglasju s TÜV Bayern e. V. (08/1965). Sopotpisovanje s strani TÜV Bayern Sachsen e. V. ni potrebno (dopis z dne 20.06.1996) / Im Einvernehmen mit dem TÜV Bayern e. V. (08/1965). Gegenzeichnungsverzicht durch TÜV Bayern Sachsen e. V. mit Schreiben vom 20.06.1996 / As agreed with TÜV Bayern e. V. (08/1965). Countersignature by TÜV Bayern Sachsen e. V. is not required (letter of 20 June 1996).

Certificiran sistem vodenja kakovosti po direktivi 97/23/ES, priloga I, točka 4.3 s strani TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, priglašeni organ-registracijska številka 0036 (okt. 2002).

Zertifiziert nach DGRL 97/23/EG, Anhang I, Abschnitt 4.3 durch TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, Benannte Stelle-Kennnummer 0036 (Oktober 2002).

Certified according to PED 97/23/EC, Annex I, Paragraph 4.3 by TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, notified body-registration number 0036 (October 2002).

HEAT TREATMENT : SOLUTION ANNEALED AT MIN. 1050°C, WATER QUENCHED  
WARMBEHANDLUNG : LOSUNGSGLUHEN BEI MIN. 1050°C, WASSER ABGESCHRECKT

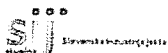
Mertve sevanja: NI RADIOAKTIVNEGA ONESNAŽENJA / Measuring Radiation: NO RADIOACTIVE CONTAMINATION

Spekrometerska analiza - PMI: OK / Spectrometer sorting test ? PMI: OK

Vizualni pregled: OK / Visual inspection: OK

N° JACQUET :  
f. 1459  
1460

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works Inspector / Werkssachverständiger  
Dr. Gorazd Kosec



VAT NO. [ID ZA DDV: S123040754, VAT-registered person] zavezanec za DDV = COMPANY NO. [MATIČNA ŠT.: 5688418000]  
BANK ACCOUNT / ID BANK | TRR #1 BANKA: ELSE 6700 0000 0005 201, Gottsche banka d.d.; ELSE 6702 3001 6844 866, IRB d.d. = SHARE CAPITAL | OSNOVNI KAPITAL: 83.458.521,00 €  
REGISTRIRANI TILBODY: The District Court of Nova Gorica Sequence Number: 10417200 | REGISTERED ORGAN: Okretno sodišče v Kranju, II. reg. rdeča 10417200

cde 95915

SDMS n° 63247

|   |                        |  |   |
|---|------------------------|--|---|
| <b>ACERINOX EUROPA</b><br>FABRICA DEL CAIRO 22<br>DISTRIBUIR<br>FALSCHE (GAS BARRETS)<br>TUD. 1211 816 63 93 00<br>FAX 1211 816 63 93 11<br>P.O. BOX 13<br>13210 LOS BARRIOS (FRANCE) | <br>by Accredited Body | <b>Abnahmeprüfzeugnis</b><br><b>INSPECTION CERTIFICATE</b> |   |
|   |                        | ACCORDING TO EN 10204 3.2<br>NACH                          | Prüf-Nr. F0 2015 908226 30001 E<br>Inspection No. |

|  |   |   |
|--|---|---|
| Besteller - customer<br><b>ACERINOX FRANCE S.A. (CHAPA/PL)</b> | Auftrags Nr. - order n°<br><b>RW 1244</b> | Bestellung Nr. - order n°<br><b>3676 REV 00</b> |
|--|---|---|

|  |   |
|--|---|
| Prüfgegenstand - Article<br><b>BLECH (PLATE)</b> | Werkstoff Nr und Lieferzustand - Material n° and condition of delivery<br><b>1.4301/1.4307 1D</b> |
|--|---|

|   |  |  |
|---|--|--|
| Werkstoff - Normbez Standard - Grade of Material<br><b>X5 CRNI 18-10/K2CrNi18-9</b> | Werkzeug - Marka Grade<br><b>Acx - 150</b> | Erschmelzungsart - smelting process<br><b>A= AOD Verfahren - AOD process</b><br><b>A</b> |
|---|--|--|

|  |  |
|--|--|
| Anforderungen - Technical requirements<br><b>EN 10028-7/TRB 100/AD-2000-MERKBLATT W2/W10 DGRL 97/23/EG (PED) EN-ISO-10204 (Thickness Tolerances)</b> | Koordinatensystem - Marking<br><b>Schmelznummer - n° of cast</b> |
|--|--|

|  |  |
|--|--|
| Zahlen des Lieferwerks - brand of the manufacturer<br> | Stempel des Sachverständigen - Inspector's stamp<br> |
|--|--|

| Pos Nr. Item N° | Stückzahl Quantity | Abmessung - Dimensions mm    | Schmelze Nr Heat N° | Probe Nr Test N° |
|-----------------|--------------------|------------------------------|---------------------|------------------|
| 19              | 1                  | 40,000 x 1.600,00 x 6.000,00 | J5KH                | 02J5KH B C       |
| 20              | 1                  | 40,000 x 1.600,00 x 6.000,00 | J5KH                | 02J5KH B C       |

| Chemische Analyse - Chemical Composition (%) |       |                  |       |       |                 |       |       |       |       |  |
|--|-------|------------------|-------|-------|-----------------|-------|-------|-------|-------|--|
| Schmelze Nr Heat N°                          | C     | CR               | MN    | N     | NI              | P     | S     | SI    | CO    |  |
| Anforderungen Requirements                   | 0,030 | 17,600<br>19,600 | 2,000 | 0,100 | 0,000<br>10,600 | 0,045 | 0,015 | 1,000 |       |  |
| J5KH   | 0,021 | 17,705           | 1,673 | 0,070 | 0,030           | 0,030 | 0,001 | 0,402 | 0,136 |  |

Annex to inspection certificate  
Notified Body 0036 test No. 15 / 01 / 472

**Mechanische Eigenschaften - Mechanical Properties Pr. Temp/T. Temp. 20° C**

| Probe Nr Test N°           | Prob.-Lage Pos of Test | Abmessungen des Probestabs Dim. of specimen | Rm N/mm2         | Rp 0.2 N/mm2 | Rp 1.0 N/mm2 | A5 %  | ICV1+20° J | KV2+20° J | KV3+20° J |
|----------------------------|------------------------|---|------------------|--------------|--------------|-------|------------|-----------|-----------|
| Anforderungen Requirements |                        | Breite x Dicke Width x Thickness mm         | 620,00<br>720,00 | 210,00       | 260,00       | 45,00 | 60,00      | 60,00     | 60,00     |
| 02J5KH B                   | CT                     | 40,000 30,00                                | 618,48           | 316,39       | 356,62       | 50,12 | 265,00     | 230,00    | 270,00    |


|   |   |   |
|---|---|---|
| Beschäftigung und Abmessungen wurden kontrolliert: O.K. Surface and dimensions controlled: O.K.<br>Der Werkstoff ist beständig gegen intermetallische Korrosion gemäß EN ISO 3651-2<br>The material is resistant to intermetallic corrosion test according to ISO 3651-2<br>Spektralanalytische Identifizierung: O.K. Spectrometrical identity test: O.K.<br>Wärmebehandlung: Ölbad bei 1030 - 1100 °C<br>Heat treatment:<br>Und Abschrecken mit Luft, cooling with air.<br>Die Lieferung entspricht der Bestellung. The delivery is in accordance with the order | Abnahmebeauftragter des Bestellers<br>Purchaser's authorized representative<br><br><div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>N° JACQUET :</b><br/> <i>f. 1496</i> </div> | WERKSACHVERSTÄNDIGER<br>WORK INSPECTOR<br>A. Heredia<br><br>Zeugnis ist per EDV erstellt und ohne<br>Unterschrift gültig gemäß E-Norm 10204<br><br>Palmones, 29 MAYO 2015 |
|---|---|---|




SDMS n° 63247

2/3

**ACERINOX EUROPA**  
 FABRICA DEL CUBO DE GIBRALTAR  
 PALMONES (LOS BARBIOS)  
 TEL: (34) - 956 62 92 00  
 FAX: (34) - 956 62 92 22  
 P. O. BOX 81  
 11370 LOS BARBIOS (CADIZ)

  
 by Accredited Body

  
 0769-CPD-122035  
 DoP no. 1/2013

# INSPECTION CERTIFICATE

## CERTIFICAT D'INSPECTION

3.1

ACCORDING TO EN 10204      CERTIFICATE N° 52 2015 1839 30001 Y

|  |   |   |
|--|---|---|
| <b>CUSTOMER</b><br>CLIENT<br>QUARTO International SAS<br>7 rue Michel Jacquet CS 40007<br>69602 SAINT PRIEST CEDEX<br>France   | <b>OUR ORDER N°</b><br>NOTRE N° CO<br>PL 1334       | <b>YOUR ORDER N°</b><br>VOTRE N° COM<br>3575 REV 00           |
| <b>TRADE MARK</b><br>SIGLE DU PRODUCTEUR<br> | <b>INSPECTOR'S STAMP</b><br>POTICHU DE L'INSPECTEUR | <b>STEELMAKING PROCESS</b><br>PROCEDE D'ALUMINATION<br>A.O.D. |

| REQUIREMENTS<br>EXIGENCES                          | INTERGRANULAR CORROSION<br>CORROSION INTER-GRANULAIRE | GRADE<br>MATERIAU | FINISH<br>FINI |
|--|---|-------------------|----------------|
| EN 10088-4:2009 EN-ISO-10205(Thickness Tolerances) |   | Acc 150 1.4307    | ID             |

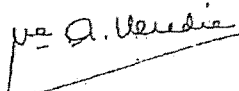
| COIL / BOX<br>BOULIN/CAISSON | CONTENT<br>CONTENU | DIMENSIONS<br>DIMENSIONS |                  |                    | MARKS<br>MARQUE | QUANTITY<br>QUANTITE | TEST N°<br>ECHANTILLON |
|------------------------------|--------------------|--------------------------|------------------|--------------------|-----------------|----------------------|------------------------|
|                              |                    | THICKNESS<br>EPAISSEUR   | WIDTH<br>LARGEUR | LENGTH<br>LONGUEUR |                 |                      |                        |
| C8805K                       | 02J5KH BA          | 40,000                   | 1500,00          | 6000,00            | 16              | 02J5KH B             | C                      |
| C8805M                       | 02J5KH BB          | 40,000                   | 1500,00          | 6000,00            | 15              | 02J5KH B             | C                      |

**CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE (%)**

| HEAT N°<br>COULEE         | C     | CR               | MN    | N     | NI              | P     | S     | SI    | CO    |
|---------------------------|-------|------------------|-------|-------|-----------------|-------|-------|-------|-------|
| REQUIREMENTS<br>EXIGENCES | 0,030 | 17,500<br>18,500 | 2,000 | 0,100 | 8,000<br>10,500 | 0,045 | 0,015 | 1,000 |       |
| J5KH                      | 0,021 | 17,705           | 1,673 | 0,078 | 8,030           | 0,030 | 0,001 | 0,402 | 0,136 |

**MECHANICAL PROPERTIES / CARACTERISTIQUES MECANQUES**

| TEST N°<br>ECHANTILLON    | PROBE<br>EP | Rm<br>N/mm2      | Rp 0.2<br>N/mm2 | Rp 1.0<br>N/mm2 | A5<br>% |
|---------------------------|-------------|------------------|-----------------|-----------------|---------|
| REQUIREMENTS<br>EXIGENCES |             | 500,00<br>700,00 | 200,00          | 240,00          | 45,00   |
| 02J5KH B                  | C T         | 616,48           | 316,39          | 356,62          | 58,12   |

|  |   |
|--|---|
| <b>REMARKS / REMARQUES</b><br>The delivery is in accordance with the order<br><br><div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 20px auto;"> <p>N° JACQUET :</p> <p>f. 1496</p> </div> | <b>SURFACE AND DIMENSIONAL CONTROL</b><br>INSPECTION VISUELLE ET VISIBLE<br><br><p style="text-align: center;">SATISFACTORY<br/>SATISFAISANT</p> <hr/> <p><b>WORK INSPECTOR</b><br/>         INSPECTEUR<br/><br/> <br/>         A. Heredia</p> |
|--|---|

SDMS n° 63247

N° QUARTO: 020794

**ACERINOX EUROPA**  
 FABRICA DEL CAÑO DE  
 OIBALATZ  
 PALMONES (LOS BARAJOS)  
 TFM 9341 - 956 62 83 00  
 FAX 9341 - 956 62 83 11  
 P.O. BOX 83  
 18178 LOS BARAJOS (CADIZ)



# INSPECTION CERTIFICATE

## CERTIFICAT D'INSPECTION

3.1

ACCORDING TO EN 10204

CERTIFICATE N° 52 2015 1839 30002 \*  
 N° CERTIFICAT

|   |   |   |
|---|---|---|
| <b>CUSTOMER</b><br>CLIENT<br>QUARTO Intermat SAS<br>7 rue Michel Jacquet CS 40007<br>68602 SAINT PRIEST CEDEX<br>France | <b>OUR ORDER N°</b><br>DATE N° 01<br>PL 1331          | <b>YOUR ORDER N°</b><br>DATE N° 0011<br>3575 REV 00         |
| <b>TRADE MARK</b><br>SEULE DE PRODUCTION<br>ACERINOX  | <b>INSPECTOR'S STAMP</b><br>SIGNATURE DE L'INSPECTEUR | <b>STEELMAKING PROCESS</b><br>PRATIQUE D'ACIATION<br>A.O.D. |

| REQUIREMENTS   | INTERGRANULAR CORROSION  | GRADE   | FINISH                 |
|--|--|---|------------------------|
| EN 10088-2:2005 EN-ISO-18286(Thickness Tolerances)<br>ASTM A240Ed14/A480Ed14a-ASME SecIIA SA240/SA480Ed13<br>EN 10088-2:2005 EN-ISO-18286(Thickness Tolerances)<br>ASTM A240Ed14/A480Ed14a-ASME SecIIA SA240/SA480Ed13 | EN ISO 3651-2<br>ASTM-A-262 PRACTICA E<br>EN ISO 3651-2<br>ASTM-A-262 PRACTICA E | Axx 150 1.4301<br>Axx 150 TP-304<br>Axx 150 1.4307<br>Axx 150 TP-304L | 1D<br>N°1<br>1D<br>N°1 |

| COIL / BOX       | CONTENT                | DIMENSIONS       |                    |                    | MARKS    | QUANTITY | TEST N°              |
|------------------|------------------------|------------------|--------------------|--------------------|----------|----------|----------------------|
|                  |                        | THICKNESS        | WIDTH              | LENGTH             |          |          |                      |
| C6805K<br>C6805M | 02J5KH BA<br>02J5KH BB | 40,000<br>40,000 | 1500,00<br>1500,00 | 6000,00<br>6000,00 | 16<br>15 | 1<br>1   | 02J5KH B<br>02J5KH B |
|                  |                        |                  |                    |                    |          |          | C<br>C               |

| CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE (%) |       |        |       |       |       |       |       |       |       |  |  |
|--|-------|--------|-------|-------|-------|-------|-------|-------|-------|--|--|
| HEAT N°                                      | C     | CR     | MN    | N     | NI    | P     | S     | SI    | CO    |  |  |
| J5KH   | 0,021 | 17,705 | 1,673 | 0,078 | 8,030 | 0,030 | 0,001 | 0,402 | 0,136 |  |  |

| MECHANICAL PROPERTIES / CARACTERISTIQUES MECANIQUES |       |        |        |        |       |       |       |  |  |
|---|-------|--------|--------|--------|-------|-------|-------|--|--|
| TEST N°   | PROBE | Rm     | Rp 0.2 | Rp 1.0 | A50   | A5    | HRB   |  |  |
| 02J5KH B  | C T   | 616,48 | 316,39 | 356,62 | 56,12 | 58,12 | 88,00 |  |  |

|  |   |
|--|---|
| <b>REMARKS / REMARQUES</b><br>The delivery is in accordance with the order<br>Temperatura de hipertemple entre 1050 y 1100 ° C.<br><br><div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">                     N° JACQUET :<br/>                     f: 1496.                 </div> | <b>SURFACE AND DIMENSIONAL CONTROL</b><br>INSPECTION DIMENSIONNELLE ET VISUELLE<br><br>SATISFACTORY<br>SATISFAISANT |
|  | <b>WORK INSPECTOR.</b><br>INSPECTEUR<br><br><br>A. Heredia  |

cd 95915

SDMS n° 63248

1/4

**si** | acroni

Izdajatelj Certifikata:  
Originator of Inspection Document  
Aussteller der Bescheinigung:

ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EU

Tel.: +386 4 584 10 16  
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W: <http://www.acroni.si>

10015721-20003257-3

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|   |  |
|---|--|
| Potrdilo o prevzemu 3.1 / Inspection certificate 3.1 /<br>Abnahmeprüfzeugnis 3.1<br>EN 10204:2004   | Prejemnik/Consignee/Empfänger<br><br>JACQUET LYON ZA GRAMMONT<br>9 RUE GARIBALDI<br>F-69800 ST PRIEST<br>FRANCE        |
| Št. dokumenta / Document No. / Bescheinigungs Nr.<br>10013721-20003257-3 z / dated / vom 22.07.2015 | Proizvajalčeva št. naročila / Manufacturer's works order No. / Werksauftrag Nr.<br>20003257 z / dated / vom 10.06.2015 |
| Kupčeva št. naročila / Purchaser's order No. / Kundenbestell Nr.<br>49715                           | Kupčeva št. izdelka / Customer Article No. / Artikel Nr. des Kunden  |
| Št. Dobavnega lista / Packing list No. / Lieferscheine Nr.<br>10013721 z / dated / vom 22.07.2015   |  |
| Št. Računa / Account No. / Kontonummer<br>1520101019655   | Datum izdaje / Date of issue / Ausgabedatum<br>22.07.2015  |

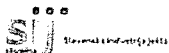
|  |   |
|--|---|
| Izdelek / Product / Erzeugnis<br>DEBELA PLOČEVINA / HOT ROLLED PLATE / WARMGEWALZTES GROBBLECH                                       |   |
| Tehnične zahteve / Specifications / Werkstoffvorschriften  | Oznaka jekla / Steel designation / Stahlbezeichnung |
| EN 10028-7:2007  | 1.4301  |
| EN 10088-2:2005  | 1.4301  |
| EN 10028-7:2007  | 1.4307  |
| EN 10088-2:2005  | 1.4307  |
| AD 2000-Merkblatt W 10:2008  | X2CrNi18-9  |
| AD 2000-Merkblatt W 2:2011   |   |
| ASME SA-240/SA-240M; BPVC, Sect.II, Part A, Ed.2013  | 304   |
| ASME SA-240/SA-240M; BPVC, Sect.II, Part A, Ed.2013  | 304L  |
| ASTM A 240/A 240M:2014   | 304   |
| ASTM A 240/A 240M:2014   | 304L  |
| PED 97/23/EC: 1997   |   |
|  | HOT ROLLED STAINLESS STEEL<br>W.NR.1.4307           |
| Specifikacija kupca / Customer specification No. / Kundenspezifikation   |   |
| Dodatne tehnične zahteve / Supplementary requirements / Zusätzliche Werkstoffvorschriften  |   |
| Dobavno stanje / Product delivery condition / Lieferzustand des Erzeugnisses<br>TOPILNO ŽARJENO, LUŽENO / SOLUTION ANHEALED, PICKLED |   |
| Stanje površine / Surface finish / Oberflächenbehandlung<br>ASME Finish: No. 1<br>ASTM Finish: No. 1<br>EN Surface: 1D               |   |

| Oznake izdelka / Marking of the product / Kennzeichnung des Erzeugnisses |   |                                       |  |   |  |  |
|--|---|---------------------------------------|--|---|--|--|
| Znak proizvajalca<br>Manufacturer's mark<br>Zeichen des Herstellers      | Oznaka jekla<br>Steel grade<br>Stahlbezeichnung | Št. plošče<br>Plate No.<br>Platte Nr. | Št. sarže<br>Heat No.<br>Schmelzen Nr. | Dimenzije izdelka<br>Product dimensions<br>Abmessungen des<br>Erzeugnis | Žig kontrolorja<br>Stamp of the manufacturers Inspector<br>Stempel des Werkssachverständigen | Žig neodvisnega inšpektorja<br>Stamp of the independent Inspector<br>Stempel des unabhängige<br>Sachverständigen |
| SIJ   ACRONI   |   |                                       |  |   |  |  |
| Dodatne Oznake / Additional marking / Zusätzliche Kennzeichnungen        |   |                                       |  |   |  |  |

N° JACQUET :  
P. 1576

SDMS  
C. DREYER  
Inspection

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works inspector / Werkssachverständiger(r)  
Dr. Gorazd Kosec



VAT ID: ID ZA DDV: S725840751, VAT-registered person | Zarazeni za DDV = COMPANY ID: | MATIČNA ŠT.: 561841000  
BANK ACCOUNT AND BANK: TRR B1BANKA: SI56 0700 0000 0009 299, Girobanka banka d.d.: SI56 0202 3001 6344 0001 7011 d.d. = SHARE CAPITAL: | OSNOVNI KAPITAL: €1.450.521,00 €  
REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTRIŠKO ORGAN: Občina sodišče v Kranju, št. reg. lista: 10417200

SDMS n° 63248

sij | acroni

Izdajatelj Certifikata:  
Originalator of Inspection Document:  
Aussteller der Bescheinigung:ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EUTel.: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: [gorazd.kosec@acroni.si](mailto:gorazd.kosec@acroni.si)  
W: <http://www.acroni.si>

10013721-20003257-3

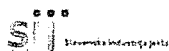
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| Obseg dobave / Extent of material delivery / Umfang der Lieferung |                                  |                                |  |                               |  |                                     |                                 |
|---|----------------------------------|--------------------------------|--|-------------------------------|--|-------------------------------------|---------------------------------|
| Poz. Item. Pos.   | St. Sarže Heat No. Schmelzen Nr. | St. plošče Plate No. Tafel Nr. | Teoretična teža Theoretical weight Theoretische Gewicht (kg) | Teža nelo Weight Gewicht (kg) | Dimenzije izdelka Dimensions of the product Maße des Erzeugnisses (mm) | St. komadov No. of pieces Stückzahl | St. vzorca Sample No. Probe Nr. |
| 5   | 293700                           | 153210920202                   | 1920,00  | 1920,00                       | 20,000 /2000 /6000   | 1                                   | AHP1135427<br>ASM36762          |

Način izdelave jekla / Steelmaking process / Stahlherstellungsverfahren E + VOD

| Mehanske lastnosti / Mechanical properties / Mechanische eigenschaften   |                                 |  |  |   |       |   |  |  |                                      |      |   |                          |
|--|---------------------------------|--|--|---|-------|---|--|--|--------------------------------------|------|---|--------------------------|
| St. sarže Heat No. Schmelzen Nr.   | St. vzorca Sample No. Probe Nr. | Deb. izdelka Product thick. Produkt dicke (mm) | Smer vzorca Sample orientation Proben lage | Nap. tečenja Yield stress Dehn grenze (MPa) |       | Nat. trdnost Tensile str. Zugfestigkeit (MPa) | Zg. meja plastičnosti Upper yield point Obere Streckgrenze (MPa) | Kontrakcija Reduction of area Einschnürung (%) | Raztezek Elongation Bruchdehnung (%) |      |   | Razmerje Ratio Beziehung |
|  |                                 |  |  | Rp0,2                                       | Rp1,0 |   |  |  | Rm                                   | ReH  | Z |                          |
| Zahteva Requirements Anforderung   | MIN                             |  |  | 210,0                                       | 250,0 | 520,0   |  |  | 45,0                                 | 40,0 |   |                          |
|  | MAX                             |  |  |   |       | 700,0   |  |  |                                      |      |   |                          |
| 293700   | AHP1135427                      | 20,500   | T  | 257,0                                       | 268,0 | 576,0   |  |  | 51,0                                 | 53,0 |   |                          |
| T- Prečno / Transverse / Quer L- Vzdolžno / Longitudinal / Langs T- Glava / Top / Kopf B- Noga / Bottom / Fuss<br>½ - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt<br>L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche<br>S2 - Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche |                                 |  |  |   |       |   |  |  |                                      |      |   |                          |

| Preizkus žilavosti / Impact strength / Kerbschlagarbeit (J)  |                                 |  |  |  |                                   |     |     |                                    |          |     |     |
|--|---------------------------------|--|--|--|-----------------------------------|-----|-----|------------------------------------|----------|-----|-----|
| St. sarže Heat No. Schmelzen Nr.   | St. vzorca Sample No. Probe Nr. | Deb. izdelka Product thick. Produkt dicke (mm) | Temperatura Temperature Temperature (°C) | Smer vzorca Sample orientation Proben lage | Merilav Measurement Messungen (J) |     |     | Povprečje Average Durchschnitt (J) |          |     |     |
|  |                                 |  |  |  | T                                 | T/L | T/B |                                    | ½; ¼; S2 | 1   | 2   |
| Zahteva Requirements Anforderung   | MIN                             |  |  |  |                                   |     |     | 60                                 | 60       | 60  | 60  |
|  | MAX                             |  |  |  |                                   |     |     |                                    |          |     |     |
| 293700   | AHP1135427                      | 20,500   | 20                                       | T  |                                   |     |     | 356                                | 371      | 334 | 354 |
| T- Prečno / Transverse / Quer L- Vzdolžno / Longitudinal / Langs T- Glava / Top / Kopf B- Noga / Bottom / Fuss<br>½ - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt<br>L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche<br>S2 - Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche |                                 |  |  |  |                                   |     |     |                                    |          |     |     |

N° JACQUET :  
f. 1576ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Povzročitelj / Works inspector / Werkstatteinrichter  
Dr. Gorazd KosecVAT NO. / ID ZA DDV: SI7580754. VAT-registered person / zavezanec za DDV = COMPANY IČL / MATRICAL NO.: 5553418200  
BANK ACCOUNT AND BANK / TRR DI BANKA: 0150 0100 0000 0006 293, Gorenjska banka d.d.; BIC: 0250 0250 5001 5344 453, JTB d.o.o. = SHARE CAPITAL / OSNOVNI KAPITAL: €1.459.571,00 €  
REGISTRAR / BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTRSKI ORGAN: Ovrzno sodišče Kranj, IL reg. št. 10417200

SDMS n° 63248

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| Trdota / Hardness / Härte (H <sub>FW</sub> ) |                                       |   |                                  |
|--|---------------------------------------|---|----------------------------------|
| Št. sarža<br>Heat No.<br>Schmelzen Nr.       | Št. vzorca<br>Sample No.<br>Probe Nr. | Deb. izdelka<br>Product thick.<br>Produkt dicke<br>(mm) | Meritev<br>Measure.<br>Messungen |
| Zahteva<br>Requirement<br>Anforderung        | MIN                                   |   |                                  |
|  | MAX                                   |   | 201,0                            |
| 293700                                       | AHP1135427                            | 20,500  | 170,0                            |

| Kemična Analiza / Chemical Composition / Chemische Zusammensetzung |       |       |       |       |          |      |        |       |
|--|-------|-------|-------|-------|----------|------|--------|-------|
| Št. vzorca / Sample No. / Probestück Nr.                           |       |       |       |       | ASM36762 |      |        |       |
| Št. Sarž / Heat No. / Schmelzen Nr.                                |       |       |       |       | 293700   |      |        |       |
| %C   | %Si   | %Mn   | %P    | %S    | %Cr      | %Ni  | %N     | %Co   |
| 0,024  | 0,314 | 1,810 | 0,037 | 0,001 | 18,04    | 8,05 | 0,0941 | 0,137 |

Dimenzijska kontrola v skladu z: / Dimensional inspection according to: / Messprüfung nach:

Št. vzorca / Sample No. / Probe Nr.: AHP1135427

EN 10029:1991 Thickness Class B OK

EN 10029:1991 Flatness Class S OK

Preizkus odpornosti na interkristalno korozijo / Intergranular corrosion test / Interkristalline Korrosion

Št. vzorca / Sample No. / Probe Nr.: AHP1135427

Interkristalna korozija po A262-E: OK / Intergranular corrosion test acc.A262-E: OK

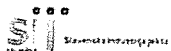
Interkristalna korozija po ISO-3651-2-A: OK / Intergranular corrosion test acc.ISO-3651-2-A: OK

Interkristalna korozija po NACE-MR-0103: OK / Intergranular corrosion test acc.NACE-MR-0103: OK

Interkristalna korozija po NACE-MR-0175: OK / Intergranular corrosion test acc.NACE-MR-0175: OK

N° JACQUET:  
P: 1576

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Podlataženo / Works Inspector / Werkssachverständiger(i)  
Dr. Gorazd Kosec



SDMS n° 63248

W/L

Opombe / Remarks / Bemerkungen

Potrjujemo da dobavljeni izdelki ustrezajo zahtevam naročila / We confirm herewith that the delivered products comply with the purchase order / Es wird bestätigt, daß die Erzeugnisse den Bestellanforderungen entsprechen

V soglasju s TÜV Bayern e.V (08/1965) / Im Einvernehmen mit dem TÜV Bayern e. V. (08/1965) / Issued in agreement with TÜV Bayern e. V. (08/1965)

Sopodpisovanje s strani TÜV Bayern Sachsen e. V. ni potrebno (dopis z dne 20.06.1996). / Gegenzeichnungserzicht durch TÜV Bayern Sachsen e. V. mit Schreiben vom 20.06.1996. / Waiving of countersigning by TÜV Bayern Sachsen e. V. dated 20 June 1996

Certificiran sistem vodenja kakovosti po direktivi 97/23/ES, priloga I, točka 4.3 s strani TÜV SÜD DEUTSCHLAND Bau und Betrieb GmbH, priglašeni organ-registracijska številka 0036 (okl. 2002).

Zertifiziert nach DGRL 97/23/EG, Anhang I, Abschnitt 4.3 durch TÜV SÜD DEUTSCHLAND Bau und Betrieb GmbH, Benannte Stelle-Kennnummer 0036 (Oktober 2002).

Certified according to PED 97/23/EC, Annex I, Paragraph 4.3 by TÜV SÜD DEUTSCHLAND Bau und Betrieb GmbH, notified body-registration number 0036 (October 2002).

HEAT TREATMENT . SOLUTION ANNEALED AT MIN. 1050°C, WATER QUENCHED

WARMBEHANDLUNG : LOSUNGSGLUHEN BEI MIN. 1050°C,WASSER ABGESCHRECKT

Meritve sevanja: NI RADIOAKTIVNEGA ONESNAŽENJA / Measuring Radiation: NO RADIOACTIVE CONTAMINATION

Spekrometerska analiza - PMI: OK / Spectrometer sorting test ? PMI: OK

Vizualni pregled: OK / Visual inspection: OK

N° JACQUET :  
p. 1576



1100 AOSTA - VIA PA...  
 EL - 19.016.302...  
 CAP. 3206 1100000000...  
 C.F. 0218/352867...  
 VAT. F00571323076 R.E.A. P. AULHER 74

Entretien, avec les systèmes de gestion certifiés  
 par ISO selon ISO 9001, ISO 9002 et ISO  
 14001.

CERTIFICAT DE RECEPTION 3.1 (EN 10204:2004)  
 (A03) NUMERO DE DOCUMENT 20150047  
 PAGE 1/3

(A06) CLIENT :  
 (A07) N. DE LA COMMANDE DU CLIENT :  
 (A08) USINE PRODUCTRICE :  
 (A09) AUTEUR DU DOCUMENT :  
 (A08) NUMERO DE LA COMMANDE DE L'USINE  
 LES PRODUITS CERTIFIES SONT CONFORMES A LA COMMANDE

COGNE FRANCE S.A.  
 CDA5D935

AOSTA, VIA PARAVERA 16 - ITALIA  
 SERVICE QUALITE  
 25186735 / 80

(A04) STILE DU PRODUCTEUR : COGNE

080233

SPECIFICATION INTERNE :  
 (B01) PRODUIT : STOCKHARREW2  
 (B03) FINITION SUPERFICIELLE : IX  
 (B04) ETAT DE LIVRAISON : SPE Eciouté dégrossis RONDS TOLI-FRANCE : + 2,000 AD2000  
 (B11) DIMENSIONS DU PRODUIT (MM) : RS HYPERTREMPE  
 (B02) NUANCE : 210,000  
 (B07) IDENTIFICATION N. DE COULEE : AISI 316/316L ENL.4401/4404 (B12) LONGUEUR DU PRODUIT (MM) : 03000 / 06000  
 (B06) MARQUAGE DU PRODUIT : 402363  
 1.4404 NUANCE INTERNE : F316L5 IMCC  
 IDENTIFICATION N. DE LOT : 612760  
 MARQUAGE PIECES : 276

LE PRODUIT EST CONFORME A LA SPECIFICATION ET A LA REGLE AD2000-MERKBLATT NO/W2.  
 NORMES DE REFERENCE: EN 10088 3(05), EN 10272(07), ASTM A276(08)/ASME  
 SAA276(10), ASTM A479(11)/AEME SAA479(10), ASTM A193(08) B8M CLASSE 1D,  
 JSOL5156-3/NACE MR0175(09), NACE MR0103(07).

MECANIQUES: ASTM A182(10)/ASME SA182(10).  
 NORMES DE REFERENCE CONCERNANT SEULEMENT L'ANALYSE CHIMIQUE: EN  
 10222-5(07), ASTM A484(08), ASTM A403(10), ASTM A314(08).  
 ASTM A484 NE S'APPLIQUE PAS POUR LES TOLERANCES DE DIAMETRE ET DE LONGUEUR.  
 ELABORATION AU FOUR ELECTRIQUE + AON

FORGE A CHAUD  
 TAUX DE CORROYAGE 9,2

(C/1) COMP. CHIMIQUE, - DE COULEE SELON ASTM E1019 A/51-E1086-E415-A580  
 Lot de control Poids : 020000567694  
 ELEMENT 86.113 KG  
 ORTENU C SI Mm P S N CI MO NI CI  
 ELEMENT 0,012 0,40 1,26 0,027 0,024 0,094 16,85 2,02 10,10 0,41  
 ORTENU Co 0,18

ESSAI DE DURETE AU ETAT DE FOURNITURE  
 Lot de control Poids : 020000568118  
 SPECIFICATION  
 ORTENU EN1506506 20.866 KG ESSAI DE DURETE HB METHODE D'ESSAI : 10/3000

ESSAI DE RESILIENCE AU ETAT DE FOURNITURE  
 Lot de control - Poids : 020000568118  
 SPECIFICATION  
 (C40) BEROUVETTE 20.866 KG  
 (C03) TEMPERATURE D'ESSAI °C EN ISO 148 1-KV2  
 UNITE DE MESURE KV 20  
 ORTENU J 230 236 239 242 242 236 240 240

SDMS n° 63274

COGNE  
 QUALITE  
 CONTROL

edu 95894



11100 ANSIA - Via 92  
 TEL +36 (0) 32 321 - 6  
 CAP. SOC. 100.000.000 EUR  
 C.F. 0218/300017  
 VAI 11306/1320378 - R.E.A. n. 40-502174

Entreprise avec les symboles de gestion certifiés  
 par ISO selon ISO 9001, ISO/TS 16949 et ISO  
 14001.

CERTIFICAT DE RECEPTION 2.1 (EN 10204:2004)  
 (A03) NUMERO DE DOCUMENT 2015004  
 PAGE 2/2

ESSAI DE TRACTION AU ETAT DE FOURNITURE  
 Lot de control - Poids : 020000568118  
 SPECIFICATION

20,866 KG  
 EN-ISO6892-1

(C02) ORIENTATION DE L'EPROUVETTE: T

UNITÉ DE MESURE

OBTENU

| RM  | RPO2 | AS    | Z    | RPI |
|-----|------|-------|------|-----|
| MPA | MPA  | \$    | %    | MPA |
| E72 | 280  | 5,0 D | 56,0 | 320 |
| 606 | 279  | 55,7  | 59,5 | 293 |
| 596 | 277  | 53,3  | 56,3 | 320 |
| 592 | 281  | 54,9  | 58,0 | 310 |
|     |      | 53,7  |      |     |

086233

DIMENSION DU GRAIN  
 Lot de control - Poids : 020000568118 -  
 SPECIFICATION  
 OBTENU

20,866 KG  
 ASTM E112

ESSAI DE TRACTION

Lot de control  
 SPECIFICATION

Poids : 020000568118

ASTM A370 E8-0.5" SPEC  
 20,866 KG

(C02) ORIENTATION DE L'EPROUVETTE: T

UNITÉ DE MESURE

OBTENU

| RM  | RPO2B | ZB   | AL2B  |
|-----|-------|------|-------|
| KSI | KSI   | \$   | \$    |
| 85  | 40    | 58,9 | 4,0 D |
| 86  | 40    | 57,3 | 57,9  |
| 83  | 41    | 57,5 | 57,5  |
| 85  | 40    | 58,5 | 57,2  |
|     |       | 58,0 | 58,1  |

SDMS n° 63274

ESSAI DE CORROSION SELON ASTM A262/02a METHODE F. SRIIONS EN ISO 2651-2: CONFORME.  
 INSPECTION VISUELLE ET CONTROLÉ DIMENSIONNEL SELON EN 10221 CLASSE C ET EN 10060: CONFORME.  
 CONTROLÉ US SUIVANT LA NORME EN10308 CLASS 3, équivalent à ASTM A388 FKH 5 (diam. 100-250) et FRH 8 (diam. 250-400) ou suivant  
 EN10228 4 Class 3: CONFORME.  
 CONTROLÉ ANTIMELANGE AVEC SPECTROMETRE PORTABLE: CONFORME.  
 AUCUNE REPARATION DE SOUDURE EXECUTEE.  
 CONTAMINATION RADIOACTIVE ABSENTE.  
 LES PRODUITS SONT CONFORMES AUX DIRECTIVES CE: 2011/65 -2000/53 2002/95 (ROHS) 2003/11 - 2005/618 ET PED 97/23/CE.  
 LE MATERIEL EST EXEMPT DE TOUTE COMPOSES DE MERCURE ET/OU LA CONTAMINATION AU RADIUM AU MOMENT DE L'EXPEDITION ET A ETE PRODUIT SANS  
 L'UTILISATION DE SUBSTANCES APPREUVISSENT LA COUCHE D'ZONE DE CLASSE I ET II.  
 MARQUAGE: MARQUAGE DU PRODUCTEUR, N. WERKSTOFF, N. COULEE, N. LOT POINCON DE L'EXPERT  
 DOCUMENT PRODUIT EN ACCORD AVEC TUEV BAYERN (11.1972) NE FAISANT PAS L'OBJET D'UNE CONTRE-SIGNATURE (VOIRE DOCUMENT TUEV BAYERN  
 17.01.80).

MATERIEL PRODUIT DANS UN SYSTEME D'ASSURANCE QUALITE EN ACCORD  
 AVEC UNI EN ISO 9001:2008 ET ISO/TS 16949:2009 (POUR CETTE DERNIERE SEULEMENT POUR LES BARRES EN ACIER LAMINEES'-ECROUTEES' -  
 RECTIFIEES' ET POUDES METALLIQUES ATOMISEES) CERTIFIE PAR ISO.  
 TOUTES LES NORMES MENTIONNEES SONT EN ACCORD AVEC LES DERNIERES REVISIONS.  
 LE MATERIEL EST CONFORME A LA DEMANDE ET A LA NORME ASTM A182 TYPE F316L POUR LA COMPOSITION CHIMIQUE ET LES CARACTERISTIQUES  
 MECHANQUES  
 MATERIEL EN CONFORMITE AVEC LA NORME NORSOX M-630 MDS 501





11100 AOSTA - VIA P.G.  
 TEL - 39.0162.5021 - FAX - 39.022206  
 CAP. 50C. 130.000 AND FUR. VI. VERS.  
 C.F. 02187360027  
 VAT: F0957132076 - R.E.A. n. 40/604/4

Enregistré avec les systèmes de gestion certifiés  
 par ISO selon ISO 9001, ISO/TS 16949 et ISO  
 14001.

CERTIFICAT DE RECEPTION 3.1 (EN ISO 9004:2004)  
 (A03) NUMERO DE DOCUMENT: 2015004  
 PAGE 5/5

086234

(202) POINCON DE L'EXPERTISE

SDMS n° 63274

(201) DATE 31.01.2015

VANESSA MICONI MV (CERTIFICATEUR) - CERTIFICAT CREE ELECTRONIQUEMENT

3/3

# ACRONI

ACRONI d.o.o., Cesta Borisa Kidriča 44, SI-4270 Jesenice

Izdajatelj certifikata  
Aussteller der Bescheinigung  
Originator of the document

KONTROLA KAKOVOSTI  
Telefon: +386 4 584 10 40  
Telefax: +386 4 584 10 68  
http://www.acroni.si  
E-mail: miran.pirnat@acroni.si

SDMS n° 63328

112

Potrdilo o prevzemu 3.1/ Abnahmeprufzeugnis  
3.1/ Inspection certificate 3.1

Harodnik / Kurda / Customer: N° JACQUET :

089498

089500

Stran/Seite/Page 1/2  
St./Nr./No.

EN 10 204 3.1, priloge zu 3.1. TUV

Datum / Datum / Date

JACQUET SAS

RUE MICHEL JACQUET BP 61  
69802 ST-PRIEST CEDEX

310068668-1

25.09.2013

FRANCE

Narocilo / Bestellung Nr. / Order No

76032 disp.36311

Dobavni list / Lieferschein / Despatch note

310068668 z/vom/rom 24.09.2013

Izdelek / Erzeugnis / Product

BLECH

Vrsta peči / Erschmelzungsart / Melting furnace

E+VOD

Znak izvodanca TK

Zeichen des sachverständigen  
Inspectors' stamp



Znak proizvajalca

Zeichen des Herstellers  
Mark of the Manufacturer



Specifikacija / Vorschriften / Specifications

ASTM A240/A 240 M/ED.12

ASME SA240/240M, BPVC, Sec. II, Part A, Ed10, Add11a

PED/97/23/EC

Tip / W.nr. / Type

304L/304

304L/304

Pov. / Fläche / Finish

No.:1

No.:1

Koroz. test / Inhibitor test / Corrosion test

ASTM A262 PRACTICE E:OK

NACE MR 0175-2012

NACE MR 0103-2012

EH 10028-7/ED.2007, EH 10088-2/ED.05

X5CrNi18/10/

X2CrNi18/9

W.Nr.1.4301/1.4307

1D

EN ISO 3651-2: OK

AD 2000 Regelwerk W2/ED.01 und W10/ED.01

X2CrNi18/9

W.Nr.1.4307

Obseg dobave / Umfang der Lieferung / Extent of material delivery

| Poz.<br>Pos.<br>Item | St. sarže<br>Schmelzen Nr.<br>Heat No. | St. plošče<br>Wahlzettel<br>Plate No. | Teža neto<br>Gewicht<br>Weight kg | Dimenzija<br>Abmessungen<br>Dimensions mm | St. kom.<br>Stückzahl<br>Quantity | St. vzorca<br>Probe Nr.<br>Sample No. |
|----------------------|--|---------------------------------------|-----------------------------------|---|-----------------------------------|---------------------------------------|
| 219                  | 286090                                 | 11922                                 | 3360                              | 35.00 / 2000 / 6000                       | 1                                 | 11922 T                               |
| 219                  | 286090                                 | 11922                                 | 3360                              | 35.00 / 2000 / 6000                       | 1                                 | 11922 T                               |
| 223                  | 286004                                 | 11308                                 | 7680                              | 80.00 / 2000 / 6000                       | 1                                 | 11308 T                               |

Mehanske lastnosti / Mechanische Eigenschaften / Mechanical properties

| St. vzorca<br>Probe Nr.<br>Sample No. | Smer vzorca<br>Proben lage<br>Position | Nap.tečenja<br>Def'n grenze<br>Yield 0.2% MPa | Nap.tečenja<br>Dehn grenze<br>Yield 1% MPa | Nal.trdnost<br>Zlg'estilgkeit<br>Tensile str. MPa | Raztežek / Bruchdehnung / Elongation |                   |           | Kontrakt.<br>Einschrumpn<br>g | Trdota<br>Harte<br>Hardness HRC | Zilavost / Kerbschlag / Impact<br>pri/smer bei /lage z/Loosit.<br>J C |    |
|---------------------------------------|--|---|--|---|--------------------------------------|-------------------|-----------|-------------------------------|---------------------------------|---|----|
| Zahteva<br>Anforderung                | MIN<br>MAX                             | 210<br>250                                    | 250<br>520                                 | 45<br>700   | 45%<br>55%<br>65%                    | 55%<br>65%<br>75% | 45<br>201 | 60<br>20                      |                                 |   |    |
| 11308 T                               | P                                      | 330   | 366  | 602   | 48.5                                 | 51.0              | 170       | 336                           | 329                             | 336   | 20 |
| 11922 T                               | P                                      | 278   | 317  | 593   | 50.0                                 | 52.5              | 170       | 366                           | 371                             | 362   | 20 |

G - Glava / Kopf / Top N - Noga / Fuss / Bottom V - Vzdelena / Langa / Longitudinal P - Pracno / Quer / Transverse Upogib / Blege / Bend: 0.5a

ACRONI  
Zbirni podpis  
Signature  
ACRONI d.o.o.  
Cesta Borisa Kidriča 44, 4270 Jesenice  
Član skupine SSI  
Member of Slovenian Steel Group

19/72

# ACRONI

ACRONI d.o.o., Cesta Borisa Kidriča 44, SI-4270 Jesenice

Izdajatelj certifikata  
Aussteller der Bescheinigung  
Originator of the document

KONTROLA KAKOVOSTI  
Telefon: +386 4 584 10 40  
Telefax: +386 4 584 10 68  
http://www.acroni.si  
E-mail miran.pirnat@acroni.si

## Potrdilo o prevzemu 3.1/ Abnahmeprüfzeugnis 3.1/ Inspection certificate 3.1

SI/Nr./No. 310068668-1

Stran/Seite/Page 2 / 2

### Kemická analýza / Chemische Zusammensetzung / Chemical Composition

| Sarža/Schmelzen Nr./#C | %Si   | %Mn  | %P   | %S    | %Cr   | %Ni   | %B   | %H      | %Co    |      |
|------------------------|-------|------|------|-------|-------|-------|------|---------|--------|------|
| 286004                 | 0.018 | 0.27 | 1.85 | 0.040 | 0.001 | 18.31 | 8.03 | <0.0005 | 0.0971 | 0.12 |
| 286090                 | 0.017 | 0.35 | 1.78 | 0.039 | 0.001 | 18.08 | 8.01 | <0.0005 | 0.0817 | 0.14 |

SDMS n° 63328

Ferrite

2/2

Opomba / Bemerkungen / Remarks

WARMBEHANDLUNG : LOSUNGSGLUGEN BEI MIN. 1050°C, WASSER ABGESCHRECKT !

- OBERFLÄCHEN UND MASSPRÜFUNG : OHNE BEANSTANDUNG NACH EN 10029 DICKE CLASS B UND EN 10163-2 B3

- PRÜFUNG AUF WERKSTOFFVERWECHSLUNG : OHNE BEANSTANDUNG

- PRÜFUNG AUF BESTÄNDIGKEIT GEGEN INTERKRISTALLINE KORROSION NACH EN ISO 3651-2 : OHNE BEANSTANDUNG

HEAT TREATMENT : SOLUTION ANNEALED AT MIN. 1050°C, WATER QUENCHED

- VISUAL AND DIMENSIONAL CHECK : OK

- SPECTROMETER SORTING TEST : OK

- INTERGRANULAR CORROSION TEST ACCORDING TO

ASTM A 262 PRACTICE E : No cracks were observed at 20X magnification!

Im Einvernehmen mit dem TÜV Bayern e. V. (08/1965). Gegenzeichnungsverzicht durch TÜV Bayern Sachsen e. V. mit Schreiben vom 20.06.1996. Zertifiziert nach DGRL 97/23/EG, Anhang I, Abschnitt 4.3 durch TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, Benannte Stelle-Kennnummer 0036 (Oktober 2002).

As agreed with TÜV Bayern e. V. (08/1965). Countersignature by TÜV Bayern Sachsen e. V. is not required (letter of 20 June 1996). Certified according to PED 97/23/EC, Annex I, Paragraph 4.3 by TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, notified body-registration number 0036 (October 2002).

THE MATERIAL COMPLIES WITH THE REQUIREMENTS OF THE ORDER.

NO WELD REPAIR



RADIOACTIVITY CONTAMINATION MEASURED WITH EXPLORANIUM

GR - 320 LAB: NO CONTAMINATION

Es wird bestätigt, daß die Lieferung den Bestellanforderungen entspricht.

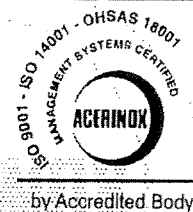
We confirm herewith that the delivered material complies with the terms of the order.

ACRONI  
Firma / Company / Unterschrift: 19/72  
ACRONI d.o.o. / Signature  
Cesta Borisa Kidriča 44, 4270 Jesenice  
Član skupine SS  
Member of Slovenian Steel Group

|   |  |   |             |  |                 |   |         |   |           |       |  |  |  |  |  |  |
|---|--|---|-------------|--|-----------------|---|---------|---|-----------|-------|--|--|--|--|--|--|
| <b>ACERINOX EUROPA</b><br>FABRICA DEL CAÑO DE GIBRALTAR<br>PALMONES (LOS BARRIOS)<br>TFM. (34) - 956 62 93 00<br>FAX. (34) - 956 62 93 11<br>P.O. BOX 83<br>11370 LOS BARRIOS (CADIZ)   |  | <br>by Accredited Body |             | <b>INSPECTION CERTIFICATE</b><br>CERTIFICAT D'INSPECTION                             |                 |   |         | 3.1   |           |       |  |  |  |  |  |  |
| ACCORDING TO EN 10204<br>SUIVANT  |  | CERTIFICATE N° 52 2015 2498 30002 *<br>N° CERTIFICAT  |             | YOUR ORDER N°<br>VOTRE N° COM  |                 | 49486 REV 00  |         |   |           |       |  |  |  |  |  |  |
| <b>CUSTOMER</b><br>CLIENT<br>JACQUET LYON<br>ZA Grammont - 9 rue Garibaldi<br>69600 SAINT PRIEST<br>FRANCE  |  | OUR ORDER N°<br>NOTRE N° CO   |             | VL 3433  |                 | INSPECTOR'S STAMP<br>POTINCOU DE L'INSPECTEUR   |         |   |           |       |  |  |  |  |  |  |
| TRADE MARK<br>SIGLE DU PRODUCTEUR   |  |                        |             | STEELMAKING PROCESS<br>PROCÉDE D'ELABORATION   |                 | A.O.D.  |         |   |           |       |  |  |  |  |  |  |
| <b>REQUIREMENTS</b><br>EXIGENCES  |  |   |             | INTERGRANULAR CORROSION<br>CORROSION INTERGRAINULAIRE                                |                 | GRADE<br>MATIÈRE  |         |   |           |       |  |  |  |  |  |  |
| EN 10028-7:2009 EN-ISO-9444-2(Thickness Tolerances)<br>EN 10088-2:2005. EN-ISO-9444-2(Thickness Tolerances)<br>EN 10028-7:2009 EN-ISO-9444-2(Thickness Tolerances)<br>ASTM A240Ed14(A480Ed14)-ASME Sect.IA SA240(SA480Ed13)<br>EN 10088-2:2005 EN-ISO-9444-2(Thickness Tolerances)<br>ASTM A240Ed14(A480Ed14)-ASME Sect.IA SA240(SA480Ed13) |  |   |             | EN ISO 3651-2<br><br>ASTM-A-262 PRACTICE E<br>EN ISO 3651-2<br>ASTM-A-262 PRACTICE E |                 | Acx 150 1.4307<br>Acx 150 1.4301<br>Acx 150 1.4301<br>Acx 150 TP-304<br>Acx 150 1.4307<br>Acx 150 TP-304L |         |   |           |       |  |  |  |  |  |  |
| <b>COIL / BOX</b><br>BOBINE/CAISSE  |  | <b>CONTENT</b><br>CONTENU   |             | <b>DIMENSIONS</b><br>DIMENSIONS  |                 | <b>MARKS</b><br>MARQUE  |         |   |           |       |  |  |  |  |  |  |
|   |  |   |             |  |                 |   |         |   |           |       |  |  |  |  |  |  |
| C5332J<br>C5332K  |  | 01J1VN B<br>01J1VN B  |             | THICKNESS<br>ÉPAISSEUR<br>10,000<br>10,000   |                 | WIDTH<br>LARGEUR<br>1500,00<br>1500,00  |         |   |           |       |  |  |  |  |  |  |
|   |  |   |             | LENGTH<br>LONGUEUR<br>6000,00<br>6000,00   |                 | QUANTITY<br>QUANTITÉ<br>1<br>2  |         |   |           |       |  |  |  |  |  |  |
|   |  |   |             |  |                 | TEST N°<br>ÉCHANTILLON<br>01J1VN<br>01J1VN  |         |   |           |       |  |  |  |  |  |  |
|   |  |   |             |  |                 | FINISH<br>FINI<br>C<br>C  |         |   |           |       |  |  |  |  |  |  |
| <b>CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE (%)</b>   |  |   |             |  |                 |   |         |   |           |       |  |  |  |  |  |  |
| HEAT N°<br>COULÉE   |  | C   | CR          | MN   | N               | NI  | P       | S   | SI        | CO    |  |  |  |  |  |  |
| J1VN  |  | 0,019   | 17,800      | 1,656  | 0,072           | 8,050   | 0,032   | 0,001   | 0,384     | 0,169 |  |  |  |  |  |  |
| <b>MECHANICAL PROPERTIES / CARACTERISTIQUES MECANQUES</b>   |  |   |             |  |                 |   |         |   |           |       |  |  |  |  |  |  |
| TEST N°<br>ÉCHANTILLON  |  | PROBE<br>TYPE   | Rm<br>N/mm2 | Rp 0.2<br>N/mm2  | Rp 1.0<br>N/mm2 | A50<br>%  | A5<br>% | HRB   | A200<br>% |       |  |  |  |  |  |  |
| 01J1VN  |  | C-T   | 625,42      | 311,19   | 359,52          | 53,81   | 54,81   | 91,00   | 52,81     |       |  |  |  |  |  |  |
| <b>REMARKS / REMARQUES</b>  |  |   |             |  |                 |   |         | <b>SURFACE AND DIMENSIONAL CONTROL</b><br>INSPECTION DIMENSIONNELLE ET VISUELLE |           |       |  |  |  |  |  |  |
| EN 10088-2<br>The delivery is in accordance with the order<br>CERTIFIED ACC. TO PRESSURE EQUIPMENT DIRECTIVE:97 / 23 / EC<br>BY TÜV SÜDDEUTSCHLAND CERT. NO: 08 / 2001 / MÜC<br>Temperatura de hipertemple entre 1050 y 1100 ° C.   |  |   |             |  |                 |   |         | SATISFACTORY<br>SATISFAISANT  |           |       |  |  |  |  |  |  |
| SDMS<br>CONTROL   |  |   |             |  |                 |   |         | WORK INSPECTOR<br>INSPECTEUR  |           |       |  |  |  |  |  |  |
| N° JACQUET :<br>f. 1571<br>1572   |  |   |             |  |                 |   |         | A. Heredia  |           |       |  |  |  |  |  |  |
|   |  |   |             |  |                 |   |         | Palmones, 23 JULIO 2015   |           |       |  |  |  |  |  |  |

SDMS n° 63405 2/3

**ACERINOX EUROPA**  
 FABRICA DEL CAIÑO DE GIBRAU TAR PALMONES (LOS BARRIOS)  
 TFX: (34) - 956 62 93 00  
 FAX: (34) - 956 62 93 11  
 P.O. BOX 83  
 11370 LOS BARRIOS (CADIZ)



# Abnahmeprüfzeugnis INSPECTION CERTIFICATE

ACCORDING TO EN 10204 3.1  
 NACH:

Prüf - Nr. 52 2015 2498 30001 E  
 Inspection No.

Zustimmungsschreiben des TÜV Baden vom 21. Februar 1983  
 Letter of approval from the TÜV Baden dated 21-2-83  
 Laut Schreiben des TÜV Baden c. v. vom 26 Juni 1989 wird auf die Gegenzeichnung verzichtet.  
 TÜV Baden renounce to the countersignature according their letter dated 26-6-89

| Besteller - Customer<br><b>JACQUET LYON</b>  |                    | Auftrags Nr - Our order n°<br><b>VL 3433</b>  | Bestellung Nr - Your order n°<br><b>49486 REV 00</b>                               |                  |
|--|--------------------|---|--|------------------|
| Prüfgegenstand - Article<br><b>BLECH AUS BAND (SHEET)</b>  |                    | Werkstoff Nr und Lieferzustand - Material n° and Condition of Delivery<br><b>1.4301/1.4307 1D</b> |  |                  |
| Werkstoff - Normbez Standard - Grade of Material<br><b>X5 CrNi 18-10/X2CrNi18-9</b>  |                    | Werkstoff - Works Grade<br><b>Acx - 150</b>   | Erschmelzungsart - Steelmaking Process<br><b>A = AOD Verfahren - AOD Process A</b> |                  |
| Anforderungen - Technical requirements<br><b>EN 10028-7/TRB 100/AD-2000-MERKBLATT WZ/W10 DGR1 07/23/EG (PED) EN-ISO-8444-2(Thickness Tolerances)</b> |                    | Kennzeichnung - Marking<br>Schmelznummer - II° of coil  |  |                  |
| Zeichen des Lieferwerks - Brand of the manufacturer<br>  |                    | Stempel des Sachverständigen - Inspector's stamp<br>  |  |                  |
| Pos Nr. Item N°  | Stückzahl Quantity | Abmessung - Dimensions mm   | Schmelze Nr Heat N°  | Probe Nr Test N° |
| 1  | 2                  | 10,000 x 1.500,00 x 6.000,00  | J1VN   | 01J1VN           |
| 2  | 2                  | 10,000 x 1.500,00 x 6.000,00  | J1VN   | 01J1VN           |

**Chemische Analyse - Chemical Composition (%)**

| Schmelze Nr Heat N°        | C     | CR               | MN    | N     | NI              | P     | S     | SI             | CO |
|----------------------------|-------|------------------|-------|-------|-----------------|-------|-------|----------------|----|
| Anforderungen Requirements | 0,030 | 17,500<br>19,500 | 2,000 | 0,100 | 8,000<br>10,500 | 0,045 | 0,015 | 1,000          |    |
| J1VN                       | 0,019 | 17,800           | 1,656 | 0,072 | 8,050           | 0,032 | 0,001 | 0,384<br>0,169 |    |

**Mechanische Eigenschaften - Mechanical Properties Pr. Temp/T. Temp. 20° C**

| Probe Nr Test N°           | Prob.-Lage Pos of Test | Abmessungen des Probestabs Dim. of specimen | Rm N/mm2         | Rp 0.2 N/mm2 | Rp 1.0 N/mm2 | A5 %  |
|----------------------------|------------------------|---|------------------|--------------|--------------|-------|
| Anforderungen Requirements |                        | Breite x Dicke Width x Thickness mm         | 520,00<br>720,00 | 210,00       | 250,00       | 45,00 |
| 01J1VN                     | C T                    | 26,000 10,00                                | 625,42           | 311,19       | 359,52       | 54,81 |

Beichtigung und Messkontrolle wurden durchgeführt: O.B. Surface and dimensions controlled: O.K.  
 Der Werkstoff ist beständig gegen interkristalline Korrosion gemäss EN ISO 3651-2  
 The material is resistant to intergranular corrosion test according to EN ISO 3651-2  
 Spektroskopische Identifizierung: O.B. Spectrometrical Identity test: O.K.  
 Wärmebehandlung: Glühen bei 1050 - 1100 °C  
 Heat treatment: Und Abschrecken mit Luft, cooling with air.  
 Die Ueberlieferung entspricht der Bestellung. The delivery is in accordance with the order  
 Issued in agreement with TÜV SÜD Industrie Service GmbH (02/1983)

WERKSACHVERSTÄNDIGER  
 WORK INSPECTOR  
 A. Heredia

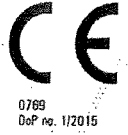
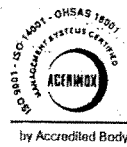
N° JACQUET :  
 f. 1571  
 1572

Zeugnis ist per EDV erstellt und ohne Unterschrift gültig gemäss E-Norm 10204

Palmones, 23 JULIO 2015

SDMS n° 63405 3/3

**ACERINOX EUROPA**  
 FABRICA DEL CAÑO DE GIBRALTAR  
 PALMONES (LOS BARRIOS)  
 TFIHO. (34) - 956 62 93 00  
 FAX. (34) - 956 62 93 11  
 P.O. BOX 83  
 11370 LOS BARRIOS (CADIZ)



# INSPECTION CERTIFICATE

## CERTIFICAT D'INSPECTION

3.1

ACCORDING TO EN 10204 SUIVANT CERTIFICATE N° 52 2015 2498 30001 Y  
 N° CERTIFICAT

|   |   |   |
|---|---|---|
| <b>CUSTOMER</b><br>CLIENT:<br>JACQUET LYON<br>ZA Grammont - 9 rue Garibaldi<br>69800 SAINT PRIEST<br>FRANCE | <b>OUR ORDER N°</b><br>NOTRE N° CO:<br>VL 3433      | <b>YOUR ORDER N°</b><br>VOTRE N° COM:<br>49486 REV 00         |
| <b>TRADE MARK</b><br>SIGLE DU PRODUCTEUR<br>ACERINOX  | <b>INSPECTOR'S STAMP</b><br>POUR LE DE L'INSPECTEUR | <b>STEELMAKING PROCESS</b><br>PROCEDE D'ELABORATION<br>A.O.D. |

|  |   |   |                             |
|--|---|---|-----------------------------|
| <b>REQUIREMENTS</b><br>EXIGENCES<br>EM 10098-4:2009 EN-ISO-9444-2 (Thickness Tolerances) | <b>INTERGRANULAR CORROSION</b><br>CORROSION INTERGRANULAIRE | <b>GRADE</b><br>MATIERE<br>Aex 150 1.4307 | <b>FINISH</b><br>FINE<br>10 |
|--|---|---|-----------------------------|

| COIL / BOX<br>BOITIE/CAISSE | CONTENT<br>CONTENU | DIMENSIONS<br>DIMENSIONS |                  |                    | MARKS<br>MARQUE | QUANTITY<br>QUANTITE | TEST N°<br>EQUIVALLOI |   |
|-----------------------------|--------------------|--------------------------|------------------|--------------------|-----------------|----------------------|-----------------------|---|
|                             |                    | THICKNESS<br>EPAISSEUR   | WIDTH<br>LARGEUR | LENGTH<br>LONGUEUR |                 |                      |                       |   |
| C5332J                      | 01J1VN B           | 10,000                   | 1500,00          | 6000,00            | 1               | 2                    | 01J1VN                | C |
| C5332K                      | 01J1VN B           | 10,000                   | 1500,00          | 6000,00            | 2               | 2                    | 01J1VN                | C |

| CHEMICAL ANALYSIS / COMPOSITION CHIMIQUE (%) |       |        |       |       |       |       |       |       |       |  |  |  |
|--|-------|--------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
| HEAT N°<br>COULEE                            | C     | CR     | MN    | N     | NI    | P     | S     | SI    | CO    |  |  |  |
| <b>REQUIREMENTS</b><br>EXIGENCES             | 0,030 | 17,500 | 2,000 | 0,100 | 8,000 | 0,045 | 0,015 | 1,000 |       |  |  |  |
| J1VN   | 0,019 | 17,800 | 1,656 | 0,072 | 8,050 | 0,032 | 0,001 | 0,384 | 0,169 |  |  |  |

| MECHANICAL PROPERTIES / CARACTERISTIQUES MECANQUES |                   |                  |                 |                 |         |  |
|--|-------------------|------------------|-----------------|-----------------|---------|--|
| TEST N°<br>EQUIVALLOI                              | PROBE<br>SIT TYPE | Rm<br>N/mm2      | Rp 0.2<br>N/mm2 | Rp 1.0<br>N/mm2 | A5<br>% |  |
| <b>REQUIREMENTS</b><br>EXIGENCES                   |                   | 520,00<br>700,00 | 200,00          | 240,00          | 45,00   |  |
| 01J1VN   | C.T.              | 625,42           | 311,19          | 359,52          | 54,81   |  |

|  |   |
|--|---|
| <b>REMARKS / REMARQUES</b><br>The delivery is in accordance with the order | <b>SURFACE AND DIMENSIONAL CONTROL</b><br>INSPECTION DIMENSIONNELLE ET VISUELLE<br><br>SATISFACTORY<br>SATISFAISANT |
|  | <b>WORK INSPECTOR</b><br>INSPECTEUR<br><br>A. Heredia<br>Palmones, 23 JULIO 2015                                    |

N° JACQUET :  
f. 1571  
1572

96130

SDMS n° 63406 1/4

sij | acroni

10009331-20001850-1

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EUTel.: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: [gorazd.kosec@acroni.si](mailto:gorazd.kosec@acroni.si)  
W: <http://www.acroni.si>

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|   |  |
|---|--|
| Potrdilo o prevzemu 3.1 / Inspection certificate 3.1 /<br>Abnahmeprüfzeugnis 3.1<br>EN 10204:2004   | Prejemnik/Consignee/Empfänger<br>JACQUET LYON ZA GRAMMONT<br>9 RUE GARIBALDI<br>F-69800 ST PRIEST<br>FRANCIJA          |
| Št. dokumenta / Document No. / Bescheinigungs Nr.<br>10009331-20001850-1 z / dated / vom 25.05.2015 | Proizvajalčeva št. naročila / Manufacturer's works order No. / Werksauftrag Nr.<br>20001850 z / dated / vom 09.03.2015 |
| Kupčeva št. naročila / Purchaser's order No. / Kundenbestell Nr.<br>48946                           | Kupčeva št. izdelka / Customer Article No. / Artikel Nr. des Kunden  |
| Št. Dobavnega lista / Packing list No. / Lieferschein Nr.<br>10009331 z / dated / vom 22.05.2015    | Datum izdaje / Date of issue / Ausgabedatum<br>22.05.2015  |
| Št. Računa / Account No. / Kontonummer<br>1520101015090   |  |

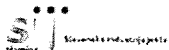
|  |   |
|--|---|
| Izdelek / Product / Erzeugnis<br>DEBELA PLOČEVINA / HOT ROLLED PLATE / WARMGEWALZTES GROBBLECH                                       |   |
| Tehnične zahteve / Specifications / Werkstoffvorschriften  | Oznaka jekla / Steel designation / Stahlbezeichnung |
| EN 10028-7:2007  | 1.4301  |
| EN 10088-2:2005  | 1.4301  |
| EN 10028-7:2007  | 1.4307  |
| EN 10088-2:2005  | 1.4307  |
| AD 2000-Merkblatt W 10:2008  | X2CrNi18-9  |
| AD 2000-Merkblatt W 2:2011   |   |
| ASME SA-240/SA-240M; BPVC, Sect. II, Part A, Ed. 2013  | 304   |
| ASME SA-240/SA-240M; BPVC, Sect. II, Part A, Ed. 2013  | 304L  |
| ASTM A 240/A 240Ma:2014  | 304   |
| ASTM A 240/A 240Ma:2014  | 304L  |
| PED 97/23/EC: 1997   |   |
|  | HOT ROLLED STAINLESS STEEL<br>W.NR.1.4307           |
| Specifikacija kupca / Customer specification No. / Kundenspezifikation   |   |
| Dodatne tehnične zahteve / Supplementary requirements / Zusätzliche Werkstoffvorschriften  |   |
| Dobavno stanje / Product delivery condition / Lieferzustand des Erzeugnisses<br>TOPILNO ŽARJENO, LUŽENO / SOLUTION ANNEALED, PICKLED |   |
| Stanje površine / Surface finish / Oberflächenbehandlung<br>ASME Finish: No. 1<br>ASTM Finish: No. 1<br>EN Surface: 1D               |   |

| Oznake izdelka / Marking of the product / Kennzeichnung des Erzeugnisses |   |                                      |  |   |  |  |
|--|---|--------------------------------------|--|---|--|--|
| Znak proizvajalca<br>Manufacturer's mark<br>Zeichen des Herstellers      | Oznaka jekla<br>Steel grade<br>Stahlbezeichnung | Št. plošče<br>Plate No.<br>Plate Nr. | Št. sarže<br>Heat No.<br>Schmelzen Nr. | Dimenzije izdelka<br>Product dimensions<br>Abmessungen des<br>Erzeugnis | Zig kontrolorja<br>Stamp of the manufacturers inspector<br>Stempel des Werkssachverständigen | Zig neodvisnega inšpektorja<br>Stamp of the independent inspector<br>Stempel des unabhängige<br>Sachverständigen |
| SIJ   ACRONI   |   |                                      |  |   |  |  |
| Dodatne Oznake / Additional marking / Zusätzliche Kennzeichnungen        |   |                                      |  |   |  |  |

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SDMS  
CONTROL

ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Podpisano: / Works Inspector / Werkssachverständiger /  
Dr. Gorazd Kosec



VAT NO. / ID ZA DOV. S12540754, VAT-registered person / zarežani za DOV = COMPANY NO. / MATIČNA ŠT.: 568541800  
BANK ACCOUNT AND BANK / TRR ET BANKA: 5156 0700 0200 0006 258, Cerepljka banka d.d.; 5156 0292 3001 6844 868, IAB d.d. = SHARE CAPITAL / OSNOVNI KAPITAL: 83.458.521,00 €  
REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTRSKI ORGAN: Okrajno sodišča v Kranju, št. reg. lista 10417200

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10009331-20001850-1

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:

ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EU

Tel: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: gorazd.kosec@acroni.si  
W: http://www.acroni.si

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| Obseg dobave / Extent of material delivery / Umfang der Lieferung |                                  |                                |  |                               |  |                                     |                                 |          |
|---|----------------------------------|--------------------------------|--|-------------------------------|--|-------------------------------------|---------------------------------|----------|
| Poz. Item. Pos.   | Št. Sarže Heat No. Schmelzen Nr. | Št. plošče Plate No. Tafel Nr. | Teoretična teža Theoretical weight Theoretische Gewicht (kg) | Teža neto Weight Gewicht (kg) | Dimenzije izdelka Dimensions of the product Maße des Erzeugnisses (mm) | Št. komadov No. of pieces Stückzahl | Št. vzorca Sample No. Probe Nr. |          |
| 1   | 292884                           | 153167880102                   | 768,00   | 768,00                        | 8,000 /2000 /6000  | 1                                   | AHP767586                       | ASM22028 |
| 1   | 292884                           | 1531678803                     | 768,00   | 768,00                        | 8,000 /2000 /6000  | 1                                   | AHP767586                       | ASM22028 |
| 1   | 292884                           | 153167880202                   | 768,00   | 768,00                        | 8,000 /2000 /6000  | 1                                   | AHP767586                       | ASM22028 |
| 1   | 292884                           | 153167880201                   | 768,00   | 768,00                        | 8,000 /2000 /6000  | 1                                   | AHP767586                       | ASM22028 |

Način izdelave jekla / Steelmaking process / Stahlherstellungsverfahren E + VOD

| Mehanske lastnosti / Mechanical properties / Mechanische eigenschaften |                                 |  |  |   |       |   |  |  |                                      |       |       |                          |    |
|--|---------------------------------|--|--|---|-------|---|--|--|--------------------------------------|-------|-------|--------------------------|----|
| Št. sarže Heat No. Schmelzen Nr.                                       | Št. vzorca Sample No. Probe Nr. | Deb. izdelka Product thick. Produkt dicke (mm) | Smer vzorca Sample orientation Proben lage | Nap. tečenja Yield stress Dehn grenze (MPa) |       | Nat. trdnost Tensile str. Zugfestigkeit (MPa) | Zg. meja plastičnosti Upper yield point Obere Streckgrenze (MPa) | Kontrakcija Reduction of area Einschnürung (%) | Raztezek Elongation Bruchdehnung (%) |       |       | Razmerje Ratio Beziehung |    |
|  |                                 |  |  | T/L   | T/B   |   |  |  | 1/2; 1/4; S2                         | Rp0,2 | Rp1,0 |                          | Rm |
| Zahteve Requirements Anforderung                                       | MIN                             |  |  |   | 210,0 | 250,0   | 520,0  |  |                                      |       | 45,0  | 40,0                     |    |
|  | MAX                             |  |  |   |       |   | 700,0  |  |                                      |       |       |                          |    |
| 292884   | AHP767586                       | 8,110  | T  |   | 285,0 | 324,0   | 618,0  |  |                                      |       | 61,0  | 64,5                     |    |

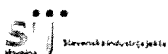
T- Prečno / Transverse / Quer L- Vz dolžno / Longitudinal / Längs T- Glava / Top / Kopf B- Noga / Bottom / Fuss  
 1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt  
 L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche  
 S2 - Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche

| Preizkus žilavosti / Impact strength / Kerbschlagarbeit (J) |                                 |  |  |  |     |     |                                   |     |     |                                    |     |
|---|---------------------------------|--|--|--|-----|-----|-----------------------------------|-----|-----|------------------------------------|-----|
| Št. sarže Heat No. Schmelzen Nr.                            | Št. vzorca Sample No. Probe Nr. | Deb. izdelka Product thick. Produkt dicke (mm) | Temperatura Temperature Temperature (°C) | Smer vzorca Sample orientation Proben lage |     |     | Meritev Measurement Messungen (J) |     |     | Povprečje Average Durchschnitt (J) |     |
|   |                                 |  |  | T  | T/L | T/B | 1/2; 1/4; S2                      | 1   | 2   |                                    | 3   |
| Zahteve Requirements Anforderung                            | MIN                             |  |  |  |     |     |                                   |     |     |                                    |     |
|   | MAX                             |  | 20                                       |  |     |     |                                   | 60  | 60  | 60                                 | 60  |
| 292884  | AHP767586                       | 8,110  | 20                                       | T  |     |     |                                   | 341 | 352 | 347                                | 347 |

T- Prečno / Transverse / Quer L- Vz dolžno / Longitudinal / Längs T- Glava / Top / Kopf B- Noga / Bottom / Fuss  
 1/2 - Odvzem vzorca na sredini / Taking the sample at the center of product / Unter der Probe in der Mitte des Produkt  
 L - Odvzem vzorca po deb L pod površino / Thickness L under the surface / Dicke L unter der Oberfläche  
 S2 - Odvzem vzorca po deb 2 mm pod površino / Thickness 2 mm under the surface / Dicke 2 mm unter der Oberfläche

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f. 1455  
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ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works Inspector / Werksachverständiger  
Dr. Gorazd Kosec



VAT NO. | ID ZA DDV: 912540751, VAT-registered person | zavezanec za DDV = COMPANY NO. | MATIČNA ŠT.: 500018000  
 BVR ACCOUNTANT BANK | TRR BI BANKA SI56 0700 0000 0006 795, Gorenjska banka d.d.; 6156 0792 2001 6844 869, II. B.d.d. = SHARE CAPITAL | GOSPOVNI KAPITAL: 33.456.521,00 €  
 REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 104172001 | REGISTRASIJSKI ORGAN: Okrajno sodišče v Kranju, št. reg. vložka 10417200



SDMS n° 63406 3/4

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10009331-20001850-1

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EUTel.: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: gorazd.kosec@acroni.si  
W: http://www.acroni.si

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| Trdota / Hardness / Härte (HBW)        |                                       |   |                                  |
|--|---------------------------------------|---|----------------------------------|
| Št. sarže<br>Heat No.<br>Schmelzen Nr. | Št. vzorca<br>Sample No.<br>Probe Nr. | Deb. izdelka<br>Product thick.<br>Produkt dicke<br>(mm) | Meritev<br>Measure.<br>Messungen |
| Zahteva<br>Requirement<br>Anforderung  | MIN                                   |   |                                  |
|  | MAX                                   |   | 201,0                            |
| 292884                                 | AHP767586                             | 8,110   | 174,0                            |

| Kemična Analiza / Chemical Composition / Chemische Zusammensetzung |       |       |       |       |          |      |        |       |  |
|--|-------|-------|-------|-------|----------|------|--------|-------|--|
| Št. vzorca / Sample No. / Probestück Nr.                           |       |       |       |       | A5M22028 |      |        |       |  |
| Št. Sarže / Heat No. / Schmelzen Nr.                               |       |       |       |       | 292884   |      |        |       |  |
| %C   | %Si   | %Mn   | %P    | %S    | %Cr      | %Ni  | %N     | %Co   |  |
| 0,023  | 0,281 | 1,794 | 0,038 | 0,001 | 18,01    | 8,02 | 0,0821 | 0,140 |  |

Dimenzijska kontrola v skladu z: / Dimensional inspection according to: / Messprüfung nach:

Št. vzorca / Sample No. / Probe Nr.: AHP767586,

EN 10029:1991 Thickness Class B OK

EN 10029:1991 Flatness Class S OK

Preizkus odpornosti na interkristalno korozijo / Intergranular corrosion test / Interkristalline Korrosion

Št. vzorca / Sample No. / Probe Nr.: AHP767586,

Interkristalna korozija po A262-E: OK / Intergranular corrosion test acc.A262-E: OK

Interkristalna korozija po ISO-3651-2-A: OK / Intergranular corrosion test acc.ISO-3651-2-A: OK


Interkristalna korozija po NACE-MR-0103: OK / Intergranular corrosion test acc.NACE-MR-0103: OK

Interkristalna korozija po NACE-MR-0175: OK / Intergranular corrosion test acc.NACE-MR-0175: OK

Opombe / Remarks / Bemerkungen

Potrjujemo da dobavljeni izdelki ustrezajo zahtevam naročila / We confirm herewith that the delivered products comply with the purchase order / Es wird bestätigt, daß die Erzeugnisse den Bestellanforderungen entsprechen

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| N° JACQUET : |
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ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Pooblaščenec / Works inspector / Werksachverständige(r)  
Dr. Gorazd Kosec

 Sij  
Slovenska inšpekcijska hiša
VAT NO. ID ZA DDV: SI25848754, VAT-registered person | Izkazano za DDV = COMPANY NO. | MATIČNA ŠT.: 5028416090  
BANK ACCOUNT AND BANK | TRR IN BANKA: SI56 0700 0000 0008 200, Girobanka banka d.d.: SI56 0202 3001 6844 659, I.B.d.d. = SHARE CAPITAL | OSNOVNI KAPITAL: 43.458.521,00 €  
REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTRSKI ORGAN: Okrajno sodišča v Kranju, št. reg. vložbe 10417200

SDMS n° 63 406

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10009331-20001850-1

Izdajatelj Certifikata:  
Originator of Inspection Document:  
Aussteller der Bescheinigung:

ACRONI, d.o.o.  
KRT-KAKOVOST  
Cesta Borisa Kidriča 44  
SI - 4270 Jesenice  
Slovenia, EU

Tel.: +386 4 584 10 16  
Fax: +386 4 584 10 71  
E-Mail: [gorazd.kosec@acroni.si](mailto:gorazd.kosec@acroni.si)  
W: <http://www.acroni.si>

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V soglasju s TÜV Bayern e. V. (08/1965). Sopodpisovanje s strani TÜV Bayern Sachsen e. V. ni potrebno (dopis z dne 20.06.1996) / Im Einvernehmen mit dem TÜV Bayern e. V. (08/1965). Gegenzeichnungserzicht durch TÜV Bayern Sachsen e. V. mit Schreiben vom 20.06.1996 / As agreed with TÜV Bayern e. V. (08/1965). Countersignature by TÜV Bayern Sachsen e. V. is not required (letter of 20 June 1996).

Certificiran sistem vodenja kakovosti po direktivi 97/23/ES, priloga I, točka 4.3 s strani TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, priglášeni organ-registracijska številka 0036 (okt. 2002).

Zertifiziert nach DGRL 97/23/EG, Anhang I, Abschnitt 4.3 durch TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, Benannte Stelle-Kennnummer 0036 (Oktober 2002).

Certified according to PED 97/23/EC, Annex I, Paragraph 4.3 by TÜV SÜDDEUTSCHLAND Bau und Betrieb GmbH, notified body-registration number 0036 (October 2002).

HEAT TREATMENT : SOLUTION ANNEALED AT MIN. 1050°C, WATER QUENCHED  
WARMBEHANDLUNG : LOSUNGSGLUHEN BEI MIN. 1050°C, WASSER ABGESCHRECKT

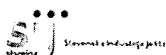
Meritve sevanja: NI RADIOAKTIVNEGA ONESNAŽENJA / Measuring Radiation: NO RADIOACTIVE CONTAMINATION

Spekrometerska analiza - PMI: OK / Spectrometer sorting test ? PMI: OK

Vizualni pregled: OK / Visual inspection: OK

N° JACQUET :  
f. 1455  
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ACRONI d.o.o.  
Cesta Borisa Kidriča 44  
SI-4270 Jesenice  
Problematičar / Works Inspector / Werkssachverständige(r)  
Dr. Gorazd Kosec



VAT NO. 110 ZA DDV: S125648754, VAT-registered person [zavezanec za DDV] • COMPANY NO. / MATIČNA ŠT.: 5659416300  
BANK ACCOUNT AND BANK / TRR IN BANKA: S156 0700 0000 0005 298, Comptona banka d.d.; S156 0292 3001 6844 869, JBLB d.d. • SHARE CAPITAL / OSNOVNI KAPITAL: 83.459.521,00 €  
REGISTRATION BODY: The District Court of Kranj, Entry Sequence Number: 10417200 | REGISTRSKI ORGAN: Okrajno sodišče v Kranju, št. rep. vložila 10417200

SDMS n° 63768

**CRYOTHERM**

18, Rue de l'Industrie – 73460 FRONTENEX Tél: 04.79.38.57.38

Fax: 04.79.38.57.47

Vannes et raccords  
à hautes performances

**CERTIFICAT DE CONFORMITE MATIERE**

Nous soussignés, Société CRYOTHERM SA, certifions que les pièces livrées au titre de votre commande n° 96573 du 23/11/15 ont été fabriquées conformément aux spécifications techniques du marché :

Bride pleine 150 CF : inox 304 L

Bride pleine 40 CF : inox 304 L

Joint plat cuivre 150 CF : cuivre

Nous vous souhaitons bonne réception de la présente et vous prions d'agréer, Messieurs, l'expression de nos sentiments dévoués.

C. REVIL

SDMS  
CONTROLE  
de UTA

Siège Social

Dépôt 2

10 RUE DU CANAL  
ZI MARINIÈRE SUD  
91070 BONDOUFLE

25 RUE A.CITROEN

95133 FRANCONVILLE

Tél : 01 60 86 82 83  
Fax : 01 60 86 73 13  
email : contact@bafa-sa.com  
Site Web www.bafa-sa.com

**DECLARATION DE CONFORMITE TYPE 2.1**

Déclaration de conformité aux stipulations d'une commande, établi par l'industriel fournisseur conformément à la norme NF EN 10204

SDMS  
761 ROUTE DE VALENCES  
CS 40004  
38160 ST ROMANS  
FRANCE

**CERTIFICAT DE CONFORMITÉ**

| Date       | N° de BL | Client   | Votre référence |
|------------|----------|----------|-----------------|
| 21/12/2015 | 69116    | CSDMS380 | 96590           |

| Référence   | Réf Client | Désignation                  | Quantité servie | Reliquat |
|-------------|------------|------------------------------|-----------------|----------|
| VHI5.162425 |            | VIS TH 5/16-24 UNF X 1" INOX | 500,00          | 0,00     |

SDMS  
CONTRÔLE  
*[Signature]*

Nous déclarons que la fourniture citée est conforme aux prescriptions de la commande, qui ne comporte pas de résultats d'essais. Elle répond en tout point, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

Responsable Qualité

Steven SCHLEININGER  
BAFA - SERVICE QUALITE  
20 Rue Gustave Madiot  
ZI des Bordes  
91070 BONDOUFLE  
Tél : 01 60 86 82 83  
Fax : 01 60 86 73 13