

STAT 238

284408

# ACRONI

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

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

Naročnik / Kunde / Customer

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Sl. / Nr. / No. Datum / Datum / Date

310061062-2 10.05.2013

Naročilo / Bestellung Nr. / Order No. Dobava / list / Lagerschein / Despatch note  
55178-I dsp.57093 310061062 z/vom/from 09.05.2013

|   |   |  |   |
|---|---|--|---|
| Izdelek / Erzeugnis / Product<br><b>Hot Rolled Annealed and Pickled</b>   | Vrsta peči / Erhitzungsart / Melting furnace<br><b>E+VOD</b>  | Znak izvedenca TK<br>Zeichen des sachverständigen<br>Inspectors' stamp | Znak proizvajalca<br>Zeichen des Herstellers<br>Mark of the Manufacturer  |
| Specifikacija / Vorschriften / Specifications<br>ASTM A240 Ed.2011<br>ASME SA240/240M, BPVC, Sec. II, Part A, Ed10, Add11a<br>QQ-S-766D | Tip / W.nr. / Type<br>316L/316<br>316L/316  | Pov. / Fläche / Finish<br>No.1<br>No.:1                                | Koroz. test / Int.krist.korr. / Corrosion test<br>ASTM A262 PRACTICE E:OK |
| AMS 5507F/AMS 5524L<br>EN 10028-7/ED.2008   | S31603/S31600<br>SAE 30316/30316<br>X2CrNiMo 17/12/2 / 1D<br>X5CrNiMo 17/12/2<br>W.Nr.1.4404/1.4401 |  | EN ISO 3651-2 Method A:OK<br>NACE MR 0103-2007<br>NACE MR 0175-2003       |

PED/97/23/EC

### Obseg dobave / Umfang der Lieferung / Extent of material delivery

| Pos. / Pos. / Item | St. vzorca / Stichproben Nr. / Heat No. | St. plošče / Walztafel / Plate No. | Teža nrt. / Gewicht / Weight kg | Dimenzije / Abmessungen / Dimensions | St. korn. / Stückzahl / Quantity | St. vzorca / Probe Nr. / Sample No. |
|--------------------|---|------------------------------------|---------------------------------|--------------------------------------|----------------------------------|-------------------------------------|
| 1                  | 284408                                  | 75021                              | 7362                            | 1060 3.00 / 78 / 240                 | 1                                | 75021 T                             |
| 2                  | 284408                                  | 75014                              | 8283                            | 1061 4.50 / 78 / 180                 | 1                                | 75014 T                             |

### Mehanske lastnosti / Mechanische Eigenschaften / Mechanical properties

| St. vzorca / Probe Nr. / Sample No. | Smer vzorca / Proben lage / Position | Nap.tečenja / Dehn / Grenzdehnung | Nap.tečenja / Dehn / Grenzdehnung | Nat. trdnost / Zugfestigkeit / Tensile str. / R <sub>m</sub> | Raztez. / Bruchdehnung / Elongation | Koriz. / Einschnürung | Trdota / Härte | Zilavost / Kerbschlag / Impact pri / smer bei / lage / a / posil. |
|-------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|--|-------------------------------------|-----------------------|----------------|---|
| Zakl. / Anforderung                 | MIN / MAX                            | 30                                | 75                                | 40   | 95                                  |                       |                |   |
| 75014 T                             | P                                    | 40,89                             | 76,27                             | 52,5   | 55,0                                | 64                    | 74             | 259 262 266 68  |
| 75021 T                             | P                                    | 38,42                             | 76,99                             | 57,5   | 60,5                                | 69                    | 78             | 276 272 280 68  |

G - Glava / Kopf / Top N - Noga / Fuss / Bottom V - Vzdotno / Längs / Longitudinal P - Precno / Quer / Transverse Upogib / Biege / Bend

ACRONI 1972  
ACRONI d.o.o.  
Cesta Borisa Kidriča 44, SI-4270 Jesenice  
Član skupnega sistema inženirskih  
Member of the common system of engineers

STAF 231

# ACRONI

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Izdajatelj certifikata  
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### Kemická analýza / Chemische Zusammensetzung / Chemical Composition

| Sarja/Schmelzen Nr./ %C | %Si   | %Mn  | %P   | %S    | %Cr   | %Ni   | %Cu   | %Mo  | %Co  | %N   | %Nb    | %Ti   | Ferite |
|-------------------------|-------|------|------|-------|-------|-------|-------|------|------|------|--------|-------|--------|
| 284408                  | 0.018 | 0.28 | 1.78 | 0.035 | 0.001 | 16.67 | 10.01 | 0.42 | 2.04 | 0.30 | 0.0461 | 0.007 | <0.005 |

### Oponabe / Bemerkungen / Remarks

THICKNESS TOLERANCE ACCORDING ASME 5A 480/SA 480M - 2007  
 FREE FROM KNOWN CONTAMINATION WITH MERCURY  
 NO WELD REPAIR  
 HEAT TREATMENT: SOLUTION ANNEALED AT 1925°F WATER QUENCHED  
 POSITIVE MATERIAL IDENTIFICATION (PMI TEST): OK  
 FREE FROM RADIOACTIVE CONTAMINATION  
 Certified acc. Pressure Equipment Directive (97/23/EC)  
 by TÜV-CERT-Certification body for pressure equipment of the  
 TÜV Industrie Service G.m.b.H TÜV.Süd Gruppe.  
 COUNTRY OF ORIGIN = COUNTRY OF MELT = COUNTRY OF SLAB: SLOVENIA - EU  
 We confirm herewith that the delivered material complies with the terms of the order.

**ACRONI**  
 19/72  
 ACRONI d.o.o. and Unterschrift  
 Cesta Borisa Kidriča 44, SI-4270 Jesenice  
 Stamp and signature  
 Member of Slovenian Steel Group

