

# ACRONI 285790

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

Izdajatelj certifikata  
Aussteller der Bescheinigung  
Originator of the document

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24" Blanks

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

Narocnik / Kunda / Customer

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St. / Nr. / No.

EN 10 204 3.1  
Datum / Datum / Date

CFF STAINLESS STEELS INC.  
HAMILTON

310067875-1

11.09.2013

1840 BURLINGTON STREET EAST,  
L8H 3L4 ONTARIO

Narocilo / Bestellung Nr. / Order No.

C89636sp 37761

Dobavni list / Lieferschein / Despatch note

310067875 z/vom/from 09.09.2013

CANADA

Izdelek / Erzeugnis / Product

Hot Rolled Annealed and Pickled

Vrsta peči / Erschmelzungsart / Melting furnace

E+VOD

Znak izvedenca TK  
Zeichen des sachverständigen  
Inspectors' stamp



Znak proizvajalca  
Zeichen des Herstellerwerks  
Mark of the Manufacturer



Specifikacije / Vorschriften / Specifications

ASTM A240 Ed.2012

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

QQ-S-766D

Tip / W.nr. / Type

316L/316

Pov / Fläche / Finish

No.1

No.:1

Koroz. test / Int. Krist. kor. / Corrosion test

ASTM A262 PRACTICE E:OK

AMS 5507F/AMS 5524L

EN 10028-7/ED.2007

S31603/S31600

SAE 30316L/30316

X2CrNiMo 17/12/2 / 1D

X5CrNiMo 17/12/2

W.Nr.1.4404/1.4401

EN ISO 3651-2 Method A:OK

NACE MR 0103-2012

NACE MR 0175-2012

PED/97/23/EC

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

Poz. / Pos. / Item	St. sarže / Schmelzen Nr. / Heat No.	St. plošče / Walztafel / Plate No.	Teža neto / Gewicht / Weight	Dimenzije / Abmessungen / Dimensions	St. kom. / Stückzahl / Quantity	St. vzorca / Probe Nr. / Sample No.
1	285640	95704	5574	2.25 / 78,74 / 240	1	95704 T
2	285798	99175	6194	2.50 / 78,74 / 240	1	99175 T
4	285790	98130	5690	3.50 / 78,74 / 157,5	1	98130 T

### Mehanske lastnosti / Mechanische Eigenschaften / Mechanical properties

St. vzorca / Probe Nr. / Sample No.	Smer vzorca / Proben lage / Position	Nap. tecenja / Dehn granze / Yield 0.2% KSI	Nap. tecenja / Dehn granze / Yield 1% KSI	Nat. trdnost / Zugfestigkeit / Tensile str. KSI	Raztezek / Bruchdehnung / Elongation			Kontrakt. / Einschnurung / %	Trdota / Harte / Hardness HRc	Zilavost / Kerbschlag / Impact pri / smer bei / lage / at / posit.
					25 %	50 %	80 %			
		30	75	75	40			95		
95704 T	P	39,44		78,44	53.0	56.0		66		
98130 T	P	40,31		80,76	52.5	55.5		64	237 232 247 68	
99175 T	P	37,41		78,44	55.0	58.0		67	240 250 244 68	
								80	252 247 250 68	

G - Glava / Kcpf / Top

N - Noga / Fuss / Bottom

V - Vzdolžno / Längs / Longitudinal

P - Precno / Quer / Transverse

Upogib / Biege / Bend

ACRONI in podpis 19/72  
ACRONI Stempel und Unterschrift  
Cesta Borisa Kidriča 44, 4270 Jesenice  
Član skupine SI  
Member of Slovenian Steel Group

159858, 159859, 159860

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### Kemická analýza / Chemische Zusammensetzung / Chemical Composition

Sarža/Schmelzen Nr./	%C	%Si	%Mn	%P	%S	%Cr	%Ni	%Cu	%Mo	%Co	%N	%Nb	%Ti	Ferite
285640	0.026	0.25	1.51	0.037	0.002	16.59	10.10	0.50	2.01	0.29	0.0323	<0.005	<0.005	
285790	0.015	0.29	1.79	0.037	0.001	17.09	10.00	0.39	2.01	0.20	0.0554	0.009	<0.005	
285798	0.022	0.32	1.76	0.040	0.001	16.60	10.07	0.34	2.01	0.18	0.0375	<0.005	<0.005	

Opombe / Bemerkungen / Remarks

DIMENSIONAL INSPECTION ACCORDING ASTM A 480 / ASME SA 480: OK  
FREE FROM KNOWN CONTAMINATION WITH MERCURY  
NO WELD REPAIR

HEAT TREATMENT: SOLUTION ANNEALED AT min. 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

MATERIAL FULLY COMPLY WITH RoHS DIRECTIVE, Details on: <http://www.acroni.si/en/data/files/1370588262.pdf>

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

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19/72  
Firmenstempel und Unterschrift  
Stempel und Signatur