

MARCEGAGLIA
 SPECIALTIES
 46040 via Bresciani 16-Gazoldo degli Ippoliti (Monza)-Italy
 Tel: +39 - 0376 685 1 Fax: +39 - 0376 685 600
 www.marcegaglia.com
 Stabilimento di Forlì:
 Via E. Mattei, 20 47034 Forlì Impianti Forlì-Cesena
 Tel: +39 054470111 Fax: +39 054370105

Customer
 CZ MARCEGAGLIA SPECIALTIES RAP
 VIA BRESCIANI 16
 46040 GAZOLDO DEGLI IPPOLITI IT

Material
 59004776
 Description
 TX003 70x2x6000 TP304L LAS LZ

Microgaglia
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Code: 0000087290

Type
 Inspection Certificate 3.1 EN 10204

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Number
 10520049310

Issued On
 23/01/2020

WELDING PROCESS QUALIFICATION: ALL THE LASER WELDING PROCESS ARE QUALIFIED ACCORDING EUROPEAN PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC BY THE NOTIFIED BODY N.1233 EUROPED WITH WELDING PROCEDURE QUALIFICATION WPQR N° PM0907A001 Registration no. 10M203 AND WPQR N° PM907A002 Registration no. 11M017. STILL VALID UNDER PED 2014/68/EU PER ARTICLE 48 CLAUSE 3.

Consignee
 N/D ITALINOX CZ S.R.O.
 ZDEBRADSKA 58/59
 251 01 RICANY - JAZLOVICE CZ

Delivery Nn
 8355801102
 23/01/2020
 2505000265

Quality Control
 Q.M.D./Q.M. S. Toscano
 Plant Of Forlì

Pages
 4/23

Order Nr
 1591858663/460

Client Order
 XXP-190022/2019

Part Number
 Client Date
 .00.00

Test specification: EN 10217-7 TC1 EN 10357 ASTM A270
Stainless steel grade: TP 304L 1.4307/1.4301 X2CrNi18-9/X5CrNi18-10
Tolerances: EN 10357 - DIN 11850

Item	Identification Nr	Heat	Quantity MTL	Quantity KG	Quantity PZ	Delivery conditions	Reworks
1	20W4000112	Y190329D	222	690	37	W2b CD	BRUSHED
2	20W4000116	Y190329D	222	690	37		

Identification Nr	Chemical Type	C (%)	Si (%)	Mn (%)	P (%)	S (%)	N (%)	Cr (%)	Ni (%)
20W4000112	RAW MATERIAL	.024	.550	1.585	.0214	.0050	.0491	18.367	8.183
20W4000116	RAW MATERIAL	.024	.550	1.585	.0214	.0050	.0491	18.367	8.183

MARCEGAGLIA SPECIALTIES FORLIMPOPOLI PLANT SYSTEM CERTIFICATIONS QUALITY SYSTEM CERTIFIED ACCORDING TO EN 9001:2015 AND IATF 16949:2016 AND ISO 3834-2:2005 AND A SAFETY SYSTEM CERTIFIED ACCORDING TO OHSAS 18001:2007 AND AN ENVIRONMENTAL SYSTEM CERTIFIED ACCORDING TO ISO 14001:2015. MARCEGAGLIA SPECIALTIES FORLIMPOPOLI PRODUCT CERTIFICATIONS DVGW ACCORDING TO GW541 LASER AND TIG WELDED TUBES STAINLESS STEEL GRADE 1.4404 DIA FROM 15.00 TO 108.00MM AND GRADE 1.4521 FROM 15.00 TO 54.00MM. TUV AD2000 W2W10 AND PED ANNEX I PARAGRAPH 4.3 LASER AND TIG WELDED TUBES STAINLESS STEEL GRADE 1.4301, 1.4306, 1.4307, 1.4401, 1.4404, 1.4541, 1.4571, 1.4435, 1.4436 THICKNESS FROM 0.80 TO 4.00MM AND DIAMETERS FROM 8.00 TO 283.00 MM. EHEDG FOR DAIRY TUBES TXT015. EUROPEAN DIRECTIVE 1935:2004 FOR DAIRY TUBES TXT003, TXT014, TXT015.

NON DESTRUCTIVE TESTS
 EDDY CURRENT TEST FOR THE VERIFICATION OF HYDRAULIC LEAKTIGHTNESS ACCORDING TO EN ISO 10893-1:2011: CONFORM
 EDDY CURRENT TEST FOR THE DETECTION OF IMPERFECTIONS ACCORDING TO EN ISO 10893-2:2011: CONFORM
 ANTIMIXING TEST: CONFORM
 VISUAL INSPECTION AND DIMENSIONAL CONTROLS: CONFORM
 ROUGHNESS Ra VALUES MEASURED FOR RAW MATERIAL MAX 0.8 um AND INTERNAL WELDING AREA MAX 1.6 um ACCORDING TO EN 10357: CONFORM

DESTRUCTIVE TESTS
 DRIFT EXPANDING TEST ACCORDING TO EN ISO 8493:2005: CONFORM
 FLATTENING TEST ACCORDING TO EN ISO 8492:2004: CONFORM
 RING EXPANDING TEST ACCORDING TO EN ISO 8495:2004: CONFORM
 TENSILE TEST ACCORDING TO EN ISO 6892-1:2009
 INTERGRANULAR CORROSION TEST ACCORDING TO EN ISO 3651-2:1998: CONFORM

Marking

Remarks:
 CHEMICAL COMPOSITION ACCORDING TO EN 10028-7 TUBE TO EN 10217-7 TC1 DIN 11850 AND DIRECTIVE 2014/68/EU (PED)
 WELDING FACTOR V=1

WE CERTIFY THAT THE ABOVE MENTIONED PRODUCTS COMPLY WITH THE TERMS OF ORDER CONTRACT AND THE STANDARDS RECALLED IN THE PRESENT TEST CERTIFICATE

T₂ 70x2 1.4301

48m

06.04