


Tn 60,3x2  
7.4301

06.06

		Marcegaglia 46040 via Brescia 16-Gazoldo degli Ippoliti Mantova-Italy Tel. +39 - 0376 685 1 Fax. +39 - 0376 685 500 www.marcegaglia.com		Type Inspection Certificate 3.1 EN 10204		THIS DOCUMENT WAS PRODUCED AUTOMATICALLY AND IS VALID WITHOUT SIGNATURE		Number 10519751098		Issued On 13/11/2019									
Customer CZ MARCEGAGLIA SPECIALTIES RAP VIA BRESCIANI 16 46040 GAZOLDO DEGLI IPPOLITI IT				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 EUROPE 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.															
Material 59004766		Consignee N/D ITALINOX CZ S.R.O. ZDEBRADSKA 58/59 251 01 RICANY - JAZLOVICE CZ		Delivery Nn Of Delivery note nr		Quality Control Q.M.D./Q.M. S.Toscano Plant Of Forli		Pages 20/26											
Description TX1002 60.3x2x6000 TP304L LAS Z		Test specification: EN 10217-7 TC1 Stainless steel grade: TP 304L 1.4307/1.4301 X2CrNi18-9/X5CrNi18-10 Tolerances: ISO 1127 D3-T3				Welding process LASER WELDING		Order Nr 1591856476/550		Client Order XXP-190016/2019									
Item		Identification Nr		Heat		Quantity MTL		Quantity KG		Quantity PZZ		Delivery conditions W0		Reworks BRUSHED		Part Number		Client Date 30/09/2019	
1		19KK015092		0457419		222		610		37									
2		19KK015093		0457419		222		610		37									
Identification Nr		Chemical Type		C (%)		Si (%)		Mn (%)		P (%)		S (%)		N (%)		Cr (%)		Ni (%)	
19KK015092		RAW MATERIAL		0.03		1		2		0.045		0.015		0.11		17.5		8	
19KK015093		RAW MATERIAL		0.025		.340		1.710		.0270		.0010		.0660		18.080		8.020	
Identification Nr		Type of mechanical test		Rp 0.2 [MPa]		Rp 1.0 [MPa]		Rm [MPa]		A5 (%)									
19KK015092		TUBE		397		437		645		44.0									
19KK015093		TUBE		396		437		645		43.8									
NON DESTRUCTIVE TESTS		EDDY CURRENT TEST FOR THE VERIFICATION OF HYDRAULIC LEAKTIGHTNESS ACCORDING TO EN ISO 10853-1:2011: CONFORM																	
EDDY CURRENT TEST FOR THE DETECTION OF IMPERFECTIONS ACCORDING TO EN ISO 10853-2:2011: CONFORM																			
ANTIMIXING TEST: CONFORM																			
VISUAL INSPECTION AND DIMENSIONAL CONTROLS: CONFORM																			
Marking																			
Remarks:																			
CHEMICAL COMPOSITION ACCORDING TO EN 10028-7 TUBE TO EN 10217-7 TC1 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

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 DWG 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 WZIW10 AND PED ANNEX I, PARAGRAPH 4.3.1 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 DIAMETRS FROM 8.00 TO 283.00 MM. EHEDG FOR DAIRY TUBES TXT016. EUROPEAN DIRECTIVE 1935/2004 FOR DAIRY TUBES TXT003, TXT014, TXT015.

DESTRUCTIVE TESTS  
DRIFT EXPANDING TEST ACCORDING TO EN ISO 8483:2005: 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