


<div><div></div><div>MARCEGAGLIA SPECIALTIES</div></div>		Marcegaglia 46040 via Bresciani 16-Gazoldo degli Ippoliti Mantova-Italy Tel. +39 - 0376 685 1 Fax. +39 - 0376 685 600 www.marcegaglia.com Stabilimento di Forlì: via E. Mattei,20 47034 Forlimpopoli, Forlì-Cesena tel+39.0543470111 fax+39.0543470105		Type Inspection Certificate 3.1 EN 10204		THIS DOCUMENT WAS PRODUCED AUTOMATICALLY AND IS VALID WITHOUT SIGNATURE		Number 10520068277		Issued On 30/01/2020				
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 EUOPED 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.														
Customer NEREZOVE MATERIALY, S.R.O. PRUMYSLOVA 1510 686 01 UHERSKE HRADISTE CZ				Code: 0000068417		Consignee NEREZOVE MATERIALY, S.R.O. PRUMYSLOVA 1510 686 01 UHERSKE HRADISTE CZ		Delivery Nn 8355802349 Of 30/01/2020 Delivery note nr 1005001177		Quality Control Q.M.D./Q.M. S.Toscana Plant Of Forlì		Pages 3/24		
Material TXT003				Test specification: EN 10217-7 TC1 EN 10357 Stainless steel grade: TP 304L 1.4307/1.4301 X2CrNi18-9/X5CrNi18-10 Tolerances: EN 10357 - DIN 11850				Welding process LASER WELDING		Order Nr 1191071561/140		Client Order OV-1588/2019		
Description TXT003 22x1,5x6000 TP304L LAS LZ										Part Number		Client Date 5/12/2019		
Item	Identification Nr	Heat	Quantity MTL	Quantity KG	Quantity PZZ	Delivery conditions	Reworks BRUSHED							
1	20J0000051	0456514	762	540	127									
2	20J0000052	0456514	762	540	127									
													WE CERTIFY THAT THE ABOVE MENTIONED PRODUCTS COMPLY WITH THE TERMS OF ORDER CONTRACT AND THE STANDARDS RECALLED IN THE PRESENT TEST CERTIFICATE	
Identification Nr		Chemical Type	C (%)	Si (%)	Mn (%)	P (%)	S (%)	N (%)	Cr (%)	Ni (%)				
			0.03	1	2	0.045	0.015	0.11	17.5 19.5	8 10				
20J0000051		RAW MATERIAL	.027	.340	1.780	.0350	.0010	.0620	18.060	8.040				
20J0000052		RAW MATERIAL	.027	.340	1.780	.0350	.0010	.0620	18.060	8.040				
Identification Nr		Type of mechanical test	Rp 0.2 [MPa]	Rp 1.0 [MPa]	Rm [MPa]	A5 (%)	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 OHASAS 18001:2007 AND AN ENVIROMENTAL 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 W2IW10 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 DIAMETRS FROM 8.00 TO 283.00 MM. EHEDG FOR DAIRY TUBES TXT015. EUROPEAN DIRECTIVE 1935:2004 FOR DAIRY TUBES TXT003, TXT014, TXT015.							
20J0000051		TUBE	394	434	640	44.5								
20J0000052		TUBE	394	434	640	44.5								
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														

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Description TXT003 22x1,5x6000 TP304L LAS LZ											Part Number		Client Date 5/12/2019	
Item 1	Identification Nr 20J0000054	Heat 0456514	Quantity MTL 762	Quantity KG 540	Quantity PZZ 127	Delivery conditions	Reworks BRUSHED							
													WE CERTIFY THAT THE ABOVE MENTIONED PRODUCTS COMPLY WITH THE TERMS OF ORDER CONTRACT AND THE STANDARDS RECALLED IN THE PRESENT TEST CERTIFICATE	
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