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Type Inspection Certificate 3.1 EN 10204

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Number 10521431045 Issued On 04/06/2021

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  
INVESTA SP. Z O.O.  
UL.ZASTAWNA 27  
83000 PRUSZCZ GDANSKI PL

Code: 0000023130

Consignee  
Investa Sp. z o.o.  
Smolice 1g, Tulipan Park - Hal  
95010 Stryków PL

Delivery Nn 8355114856  
Of 04/06/2021  
Delivery note nr 1005007287

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

Pages  
14/21

Material  
59000873

Test specification:  
Stainless steel grade: TP 304L 1.4307/1.4301 X2CrNi18-9/X5CrNi18-10  
Tolerances: EN10305-5 EN10219-2 ASTM A554

Welding process  
HIGH FREQUENCY INDUCTION WELDING

Order Nr  
1191371520/230

Client Order  
CZZ21C01272

Description  
TXR 50X30X3X6000 4307/304L Z

Part Number

Client Date  
5/24/2021

Item	Identification Nr	Heat	Quantity MTL	Quantity KG	Quantity PZZ	Delivery conditions	Reworks
1	21K2008065	Y210220E04	318	1031	53		BRUSHED
2	21K2008065	Y210219E13	6	19	1		

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 (%)	Cr (%)	Ni (%)	N (%)
		0.03	1	2	0.045	0.015	17.5 19.5	8 10.5	0.11
21K2008065	RAW MATERIAL	.020	.440	1.370	.0310	.0020	18.100	8.010	.0590
21K2008065	RAW MATERIAL	.021	.400	1.420	.0270	.0020	18.050	8.030	.0620

Identification Nr	Type of mechanical test	Rp 0.2 [MPa]	Rp 1.0 [MPa]	Rm [MPa]	A5 (%)
		200	240	520 700	47 50
21K2008065	TUBE	281	310	577	47.8
21K2008065	TUBE	284	314	579	47.5

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 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 DIAMETRS 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  
ANTIMIXING TEST: CONFORM  
VISUAL INSPECTION AND DIMENSIONAL CONTROLS: CONFORM

DESTRUCTIVE TESTS  
FLATTENING TEST ACCORDING TO EN ISO 8492:2004: CONFORM  
TENSILE TEST ACCORDING TO EN ISO 6892-1:2009

Marking  
(LGO:MARCEGAGLIA) KD EN 14301 - TP 304 HEAT/SCHMELZE N°SCOLATA\$ W \$DIAMETROS\$ X \$SPESSORE\_NOMS \$SIGLA\$ \$DATAS\$ \$ORAS\$

Remarks:  
THE CHEMICAL COMPOSITION REFERS TO THE RAW MATERIAL USED ACCORDING TO EN 10088-2 AND 10028-7