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Type Inspection Certificate 3.1 EN 10204

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Number 10522599711

Issued On 29/09/2022

WELDING PROCESS QUALIFICATION: ALL LASER WELDING PROCESS ARE QUALIFIED IN ACCORDING EN STANDARDS AND DIRECTIVE PED 2014/68/EU ALL.I PAR.3.1.2 BY THE NOTIFIED BODY 0474 (RINA). THE WPSWPAR ARE AVAILABLE ON REQUEST AT THE MARCEGAGLIA SPECIALTIES FACTORY IN FORLIMPOPOLI - FC - ITALY.
WPS LASER ACCORDING TO UNI EN ISO 15609-4; WPAR LASER ACCORDING TO UNI EN ISO 15614-11 AND AD2000-MERKBLATT HP 2/1
ALL LASER WELDING OPERATORS ARE QUALIFIED IN ACCORDING TO UNI EN ISO 14732; ALL NDT-ET OPERATORS ARE QUALIFIED IN ACCORDING TO UNI EN ISO 9712

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

Code: 000023130

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

Delivery Nn 8365816079
Of 29/09/2022
Delivery note nr 1005008479

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

Pages
1/18

Material
59000925

Test specification: -
Stainless steel grade: 14307TP 304L 1.4307/1.4301 X2CrNi18-9/X5CrNi18-10
Tolerances: EN10305-5 EN10219-2 ASTM A554

Welding process
HIGH FREQUENCY INDUCTION WELDING

Order Nr
1191512615/10

Client Order
CZZ22C01104

Description
TXR 80X40X2X6000 4307/304L Z

Part Number

Client Date
23/06/2022

Item	Identification Nr	Heat	Quantity MTL	Quantity KG	Quantity PZZ	Delivery conditions	Reworks
1	22Y0017368	0543870	192	680	32		BRUSHED

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 (%)
22Y0017368	RAW MATERIAL	.019	.426	1.126	.0288	.0090	18.196	8.034	.0538

Identification Nr	Type of mechanical test	Rp 0.2 [MPa]	Rp 1.0 [MPa]	Rm [MPa]	A5 (%)
22Y0017368	TUBE	200	240	520 700	47 50

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 ISO 45001:2018 AND AN ENVIRONMENTAL SYSTEM CERTIFIED ACCORDING TO ISO 14001:2015 AND ENERGY SYSTEM CERTIFIED ACCORDING TO ISO 50001:2018
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
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

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