

**INSPECTION CERTIFICATE EN 10204 3.1 N° 672126 of 31.08.2022** Page 1 / 1

Purchaser <b>INVESTA SPÓLKA Z.O.O.</b>			
DDT <b>N 3287 of 31.08.2022</b>	SIDERINOX order number <b>N 1626 of 08.04.2022</b>	Customer's order <b>N CZZ22C00687 of 08.04.2022</b>	
Product <b>Stainless steel round pipe Ø 26,9 x 2,6 mm AISI 304/304L brushed EN 10217-7 Longitudinally welded</b>			
Dimension <b>26,9 x 2,6 mm</b>	Steel type <b>EN 1.4301/1.4307 / AISI 304/304L</b>	Quantity (m) <b>1464</b>	Weight (kg) <b>2123</b>
Production Norm <b>EN 10217-7</b>	Rolling <b>Hot rolled</b>	Tolerances <b>D3 \ T3</b>	Welding factor <b>V=1</b>
Marking <b>MANUFACTURER'S MARK - DIMENSION - STEELGRADE - HEAT N. - PRODUCTION NORM - EXECUTION - E.C. INSPECTOR - WORK INSPEKTOR</b>			
Manufacturing process <b>Route = 04</b>		Surface finishing <b>W0</b>	

**CHEMICAL COMPOSITION**

Heat	% C	%Mn	%P	% S	%Si	%Cr	% Ni	% Mo	% Ti	% N
	0,000 - 0,030	0,000 - 2,000	0,000 - 0,040	0,000 - 0,010	0,000 - 1,000	17,500 - 19,500	8,000 - 10,000	0,000 - 0,000	0,000 - 0,000	0,000 - 0,110
<b>42786</b>	<b>0,027</b>	<b>1,500</b>	<b>0,031</b>	<b>0,001</b>	<b>0,460</b>	<b>18,200</b>	<b>8,000</b>			<b>0,065</b>

The chemical values refer to the certificate issued by the steel mill according to EN 10088 / 10028-7 / ASTM A 240 and stored at our office.


**TEST RESULTS**

\* (D) Direction: (L) Longitudinal, (T) Transverse - \*\* (P) Position: (W) Welding, (M) Material

Test unit	Test Class	(D) *	(P) **	TENSILE TEST in N/mm <sup>2</sup> =MPa				HARDNESS
				Yield Strength		Tensile Strength	Elongation	HRB
				Rp 0,2%	Rp 1%	Rm	A %	
				210 -	250 -	520 - 770	40 -	
<b>T22071223</b>	<b>TC1</b>	<b>L</b>	<b>M</b>	<b>483</b>	<b>573</b>	<b>719</b>	<b>45</b>	
<b>T22071229</b>	<b>TC1</b>	<b>L</b>	<b>M</b>	<b>486</b>	<b>571</b>	<b>718</b>	<b>45</b>	
<b>T22071286</b>	<b>TC1</b>	<b>L</b>	<b>M</b>	<b>488</b>	<b>577</b>	<b>722</b>	<b>44</b>	
<b>T22071313</b>	<b>TC1</b>	<b>L</b>	<b>M</b>	<b>482</b>	<b>565</b>	<b>722</b>	<b>44</b>	
<b>T22071317</b>	<b>TC1</b>	<b>L</b>	<b>M</b>	<b>483</b>	<b>562</b>	<b>729</b>	<b>44</b>	

Visual inspection	<b>OK</b>	Drift expanding test	<b>OK</b>	Sealing test	<b>OK</b>
		<b>UNI EN ISO 8493</b>		<b>UNI EN ISO 10893-1</b>	
Check on dimensions	<b>OK</b>	Flattening test	<b>OK</b>	Non destructive Eddy Current test	<b>OK</b>
		<b>UNI EN ISO 8492</b>		<b>UNI EN ISO 10893-2</b>	
Antimixing test	<b>OK</b>	Weld bend test	<b>OK</b>	Intergranular corrosion test	<b>N. P.</b>
		<b>EN ISO 5173</b>		<b>N. P.</b>	

Notes:

Certifications: UNI EN ISO 9001 Dir. PED 2014/68/UE AQUAP from Nr. 7293-06-TU to Nr 7298-06-TU Qualifications: WPS/WPAR: UNI EN ISO 15609-4/UNI EN ISO 15614-11 WPS/WPAR: UNI EN ISO 15609-1/UNI EN ISO 15614-1 WLD: UNI EN ISO 14732 operator NDT: UNI EN ISO 9712 operator	Document issued by:  D. Ricco Quality engineering	Document confirmed by:  V. Brandonisio Quality manager
--	---	--