

A02 Inspection certificate "3.1" (EN 10 204)
A03 Document No.: 83543/21
Page: 1/1

A07	Customer's Order (P.O.) No./Item No.: 15/7/21	A08	Manufacturer's Works Order No.: 88063/0/21																																																							
A11	Supplier's Order No.: 3151017167	A10	Advice - Note No.: 8150080011																																																							
B08, B12/13	Quantity delivered: B13 Actual mass <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; text-align: center;">pcs</td> <td style="width:33%; text-align: center;">mtrs</td> <td style="width:33%; text-align: center;">kgs</td> </tr> <tr> <td style="text-align: center;">bcls</td> <td style="text-align: center;">feet</td> <td style="text-align: center;">lbs</td> </tr> <tr> <td style="text-align: center;">40</td> <td style="text-align: center;">475,268</td> <td style="text-align: center;">9028</td> </tr> </table>	pcs	mtrs	kgs	bcls	feet	lbs	40	475,268	9028	A06	Customer / Consignee: NIMFA - COM STR. RACARI NR.12A BL.43 SC. A ET.4 031828 BUCURESTI Romania																																														
pcs	mtrs	kgs																																																								
bcls	feet	lbs																																																								
40	475,268	9028																																																								
B09-11	Dimensions: 159,0 X 5,00 mm																																																									
B02	Steel designation: P275NL1 P265GH																																																									
B01,B 03, B04	Product, conditions and terms of delivery: Seamless steel pipes, EN 10220/02, EN 10216-2/13 TC1 + A1/0219, EN 10216-3/13 TC1, Normalized.																																																									
A04, B06	Marking: Manufacturer's mark, mill inspector's stamp LO 																																																									
C71-92 B07	Heat (H) and product (P) chemical analyses (%) <table style="width:100%; border-collapse: collapse;"> <tr> <th>Heat No.:</th> <th>C</th> <th>MN</th> <th>SI</th> <th>P</th> <th>S</th> <th>CU</th> <th>NI</th> <th>CR</th> <th></th> </tr> <tr> <td>39988K</td> <td>0,16</td> <td>0,86</td> <td>0,206</td> <td>0,017</td> <td>0,006</td> <td>0,10</td> <td>0,05</td> <td>0,07</td> <td></td> </tr> </table>									Heat No.:	C	MN	SI	P	S	CU	NI	CR		39988K	0,16	0,86	0,206	0,017	0,006	0,10	0,05	0,07		C70	Steel made by basic oxygen process, fully killed, strand cast. <table style="width:100%; border-collapse: collapse;"> <tr> <th>Alt</th> <th>N</th> <th>MO</th> <th>V</th> <th>TI</th> <th>NB</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>0,026</td> <td>0,0054</td> <td>0,014</td> <td>0,001</td> <td>0,002</td> <td><0,003</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Alt	N	MO	V	TI	NB					0,026	0,0054	0,014	0,001	0,002	<0,003				
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0,026	0,0054	0,014	0,001	0,002	<0,003																																																					
Z99																																																										
B07 C04	Test results: Heat No. c00 Specimen No. Requirements: P275NL1 P265GH		MPa	MPa		%					C40-43 Impact test				C30-32 Hardness																																											
			c11 Yield Point	c12 Tensile Strength		c13 Elongation					L-10-40J /-40°C																																															
			min. 275	390 - 530		min. 24 (5d)																																																				
			min. 265	410 - 570		min. 23 (5d)																																																				
	39988K	P275NL1 P265GH	344 345	488 483		31,6 32,4					82	90 80 76																																														
Z99																																																										
D01	Visual and dimensional inspection with satisfactory results				X	D51	Hydrostatic test - min. test pressure				MPa / sec																																															
C50	Flattening test (EN ISO 8492) - satisfactory				X	D02	The pipes tested on tightness by NDT flux - leakage in acc. to EN ISO 10893-1/11																																																			
C51	Expanding test (EN ISO 8493) - satisfactory				X																																																					
C52	Bending test (EN ISO 8491) - satisfactory																																																									
C53	Ring expanding test (EN ISO 8495) - satisfactory					D03	Nondestructive Testing																																																			
C54	Ring tensile test (EN ISO 8496) - satisfactory																																																									
The manufacturer has an established and certified management system according to ISO 9001:2015, ISO 14001:2015, ISO 50001:2011, ISO 45001:2018.																																																										
Z01	All pipes conform to the above mentioned standards and ordering requirements and agreements.																																																									

Z02 Date of issue 14.12.2021/LB

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 Rourvny

03


Bc. Petr Pastucha

 Work's Inspector
 Z02 Validation