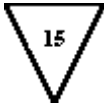


A02 Inspection certificate "3.1" (EN 10 204)
A03 Document No.: 24646/21
Page: 1/1

A07	Customer's Order (P.O.) No./Item No.: 1145002234							A08	Manufacturer's Works Order No.: 15448/0/21														
A11	Supplier's Order No.: 3151017038							A10	Advice - Note No.: 8150080233														
B08. B12/13	Quantity delivered: B13 Actual mass <table border="1" style="width: 100%;"> <tr> <td>pcs</td> <td>mtrs</td> <td>kgs</td> </tr> <tr> <td>bdls</td> <td>feet</td> <td>lbs</td> </tr> <tr> <td>20</td> <td>122,284</td> <td>2115</td> </tr> </table>							pcs	mtrs	kgs	bdls	feet	lbs	20	122,284	2115	A06 Customer / Consignee: CSÖCENTRUM KFT Vas Gereben utca 4. 1195 Budapest HUNGARY						
pcs	mtrs	kgs																					
bdls	feet	lbs																					
20	122,284	2115																					
B09-11	Dimensions: 159,0 x 4,50 mm																						
B02	Steel designation: P235TR2 S235JRH																						
B01.B 03. B04	Product, conditions and terms of delivery: Seamless steel tubes, EN 10220/2002, EN 10210-1/06, 2/19 (CE), EN 10216-1/13. Normalized hot finished.																						
A04. B06	Marking: Manufacturer's mark. mill inspector's stamp LO   07 0045-CPR-0807-1 LO a.s. LO-001-CPR2020-01-06 EN 10210:2006 S235JRH/1.0039																						
C71-92 B07	Heat chemical analysis (%)							C70	Steel made by basic oxygen process. fully killed. strand cast.														
	Heat No.:	C	MN	SI	P	S	Alt	N	CEQ														
	42765K	0,09	0,57	0,232	0,013	0,008	0,032	0,0020	0,20														
Z99																							
B07 C04	Test results:		MPa		MPa		% (5d)		c40-43 Impact test		c30-32 Hardness												
	Heat No. c00 Specimen No.		c11 Yield Point		c12 Tensile Strength		c13 Elongation																
	Requirements: P235TR2		min. 235		360 - 500		min. 25																
	S235JRH		min. 235		360 - 510		min. 26		Ø	min													
	42765K/6		306		408		27,1																
Z99																							
D01	Visual and dimensional inspection with satisfactory results							X	D51	Hydrostatic test - min. test pressure													
C50	Flattening test (EN ISO 8492) - satisfactory								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																						
C52	Bending test (EN ISO 8491) - satisfactory																						
C53	Ring expanding test (EN ISO 8495) - satisfactory								D03	Nondestructive Elektromagnetic 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 10.12.2021/Vo

Tel.:++420 595683644

 A01 Liberty Ostrava a.s.
 A05 QA Department
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 719 00 Ostrava-Kunčice
 Czech Republic

Liberty Ostrava a.s.
 Vratimovská 689/117, 719 00 Ostrava - Kunčice
 Rourvny

03


Bc. Petr Pastucha

 Work's Inspector
 Z02 Validation