

A01  
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A02  
**Certificat de inspectie**  
**Inspection certificate**  
**EN10204-3.1**

A03  
 Document No.  
**1000949596**

A04  
  
**ArcelorMittal**

A06 Customer  
 ONNINEN OY PO BOX 1 00016 Helsinki FI

A07	Purchase order No.	<b>ONY/45010658</b>	A08	Order No.	<b>3002002972/10</b>	A10	Delivery Note	<b>8002006365/20</b>
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Product code: CFTPLNW

B01-B06	Product	Product Type : Welded Press tubes EN10217-1, Technical Norm : EN 10217-1 [2019], Dimension Norm : EN 10220 [2002], Size code : TB 139,7 x 4,0, Steel Grade : P235TR1, Steel Condition : As welded, Surface Type : Color Coated, Length : 6.000,00 mm, Length Upper Tol. : 50,00 mm, Length Lower Tol. : 0,00 mm, Coating Value : Red-brown RAL3011, shot-blast., Inside weld seam removed : Yes, Ends Type : Plain ends, Ends Value : Machined ends_2x90° Ink-printed - at one tube-end ; ARCELORMITTAL IASI S.A./H/L
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B09	Dimensions	B10	Total length [m]	B08	Pieces	B12-B13	Weight [kg]	B14	Bundles
	TB 139,7 x 4,0		228,00		38,00		3.056,00		2

C71-C92 Chemical composition

B07.1	Heat	B07.2	Batch	C	Mn	Si	P	S	Al	N	Cu	Cr	Mo	Ni	V	Nb	Ti	B	Sn	CEV	
V136859		23B1597		0.09	0.73	0.010	0.010	0.007	0.052	0.0010	0.020	0.010	0.000	0.10	0.000	-	0.000				0.22

**Mechanical properties**

B07.1	Heat	B07.2	Batch	C01	Location of the sample	C02	Direction of sampling of test pieces	C03	Test temperature (°C)	C30-32	Other tests - hardness
					180°	L		21.00			
				C11	Yield or proof strength [MPa]	C12	Tensile strength [MPa]	C13	Elongation after fracture [%]	D52	Other tests # roughness [um]
V136859	23B1597			346		442		33.80			

B07.1	Heat	B07.2	Batch	C44	Temperature [°C]	C41	Width test sample [mm]	C02	Impact test # direction	C40	Impact test # type	C42	KV/test 1 [J]	C42	KV/test 2 [J]	C42	KV/test 3 [J]	C43	KVaverage test [J]
V136859	23B1597																		

C10 Shape of test piece matches standard EN ISO 6892-1/16

C93

C60 Flattening test  C61 Expanding test

C52 Bend Test

Z01 We hereby certify that the products were tested and are in compliance with order requirements.

Z05 Management system acc. to EN ISO 9001:2015. Certificate nr. 12 100 8457 TMS

Z06 Name and stamp of the inspection representative (EXTERNAL)

D01 Surface and dimension - tested according to purchase order

D02 Non-destructive tests  
EN ISO 10893-2/E3H

D51 Hydr. Test

D03 Electromagnetic test  
EN ISO 10893-1

Z04

Z02 Date of issue and validation

07.07.2023  
Hrituleac Ioan

Z03 Stamp of the inspection representative

