

A02 Inspection certificate "3.1" (EN 10 204)

A03 Document No.: 76847/10

A07 Customer's Order (P.O.) No./Item No.: 501-101155

A08 Manufacturer's Works Order No.: 1511/13128/0/10

A11 Supplier's Order No.: 068550

A10 Advice - Note No.: 068550

A06 Customer:	B13-Actual mass	999
	B12 pcs	3
A08 Quantity delivered:	B12 pcs	35.200
	B13-Actual mass	999
A09-1 Dimensions:	B12 pcs	168,3 x 4,50 mm
	B13-Actual mass	999
A02 Steel designation:	L245NB	

B01 Product, conditions and terms of delivery:  
 B03 Seamless steel tubes,  
 EN 10220/02, EN 10208-2/09,  
 Normalized hot finished - Normalizované dovalčované,  
 PE coating acc. to / PE izolace dle DIN 30670-N-V.  
 B04 Cement KN 42 0025/03, FZM-S  
 A04 Marking: Manufacturer's mark, mill inspector's stamp

C71-92 Heat(H) and product(P) chemical analyses	B07 Heat No.:	18586K H
	C70 Steel made by basic oxygen process, fully killed, strand cast (%)	0.13 0.14 0.55 0.193 0.009 0.013 0.12 0.04 0.04 0.04 0.007 0.037 0.0035 < 0.003

Z98 Test results:	B07 Heat No. / Specimen No.	245 - 440
	B07 Yield point	min. 415
Z98 Test results:	B07 Tensile Strength	min. 415
	B07 Elongation	min. 24.0
Z98 Test results:	B07 Impact test	min. max.
	B07 Hardness	min. max.

Z98 Test results:	B07 Heat No. / Specimen No.	245 - 440
	B07 Yield point	min. 415
Z98 Test results:	B07 Tensile Strength	min. 415
	B07 Elongation	min. 24.0
Z98 Test results:	B07 Impact test	min. max.
	B07 Hardness	min. max.

D01 Visual and dimensional inspection with satisfactory results	D01	<input checked="" type="checkbox"/>	D01 Hydraulic test - min. test pressure and test pressure duration	10.90/10 s
D02 Flattening test ( ) - satisf.	D02	<input type="checkbox"/>	D02 The pipes tested on tightness by NDT in acc. to	
D02 Expanding test ( ) - satisf.	D02	<input type="checkbox"/>	D02	
D02 Bending test - satisfactory	D02	<input type="checkbox"/>	D02	
D03 Ring expanding test (DIN EN 10236) - satisf.	D03	<input type="checkbox"/>	D03 Nondestructive Electromagnetic Testing	
D04 Ring tensile test ( ) - satisf.	D04	<input type="checkbox"/>	D04	

Z02 Date of issue: 20.12.2010/P019412  
 A01 ArcelorMittal Tubular Products Ostrava a.s.  
 A05 CA Department  
 Václavská 689  
 707 02 Ostrava-Kunčice  
 Czech Republic  
 Z01 All pipes conform to the above mentioned standards and ordering requirements and agreements.  
 Elektroinduktivní rezistenční zkouška 100% elektrolýzou (25kV) - satisfactory.  
 Ultrasonic examination of EN 10246-7/05-(U3/C)-UZ - satisfactory.  
 Residual magnetic field - zbytkový mag.[mT] max. 3 - satisfactory.  
 ArcelorMittal Tubular Products Ostrava a.s.  
 Václavská 689, 707 02 Ostrava 7  
 Riziní (Jákosť)

Dipl. Ing. Pekar  
 Works Inspector  
 Z02 Validation  
 E.Z. 2674/6/15/P



Location Specimen: add.C11-13).....1L,  
 Pipe No./ Rohr. Nr. - č.trubka: Appendix 76847A....  
 Hodnota hmotnosti aktivity ionizujícího záření v číselní analyzované přesahuje 100 Bq/kg.  
 Mass activity value of the ionising radiation in the heat analysis does not exceed 100 Bq/kg.

C71-82		Heat(H) and product(P) chemical analyses (%)																		
Heat No.	Ceq																			
18586K H	0.24																			
P	0.25																			

B07		Test results:																		
Heat No.	cooSpecimen No.	c11 Yield Point	c12 Tensile Strength	c13 Elongation	c14 Impact Test	c15 Hardness														

<p style="text-align: center;"><b>ArcelorMittal</b></p> <p style="text-align: center;">ArcelorMittal Tubular Products Ostrava a.s.          Vratimovská 689, 707 02 Ostrava 7          Řízení jakosti</p>																			
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Appendix to the Inspection Certificate "3.1"(EN 10204); Loading Document : 121904

c. 76847A

Arcelemillat

SAP delivery : 8150068550

W.O. No. 131 280 168,3 mm x 4,50 mm L245NB

Bundle - 1 ID Heat Length Weight Cover no.

5 900 391 18586K 11 800 mm 38,71 Ft 217 kg 478 LB 5 900 391

5 900 392 18586K 11 600 mm 38,06 Ft 213 kg 470 LB 5 900 392

5 900 395 18586K 11 800 mm 38,71 Ft 217 kg 478 LB 5 900 395

Summary - 3 pcs

35 200 mm

115,49

647 kg

1 426 LB

Summary - 3 pcs

35 200 mm

115,49

647 kg

1 426 LB

1 426 LB

647 kg

115,49

35 200 mm

3 pcs

Summary - 3 pcs

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115,49

35 200 mm

3 pcs

Summary - 3 pcs



Príloha k Inšpekčným certifikátu "3.1"(EN 10204); Ložný list : 121904

č. 76847A



SAP dodávky : 8150068550

Zakázka č. 131 280 168,3 mm x 4,50 mm L245NB

Svazek - 1 ID tabva		hmotnosť		délka		č. PE izolácie	
5 900 391	18586K	11 800 mm	38,71 Ft	217 kg	478 LB	5 900 391	
5 900 392	18586K	11 600 mm	38,06 Ft	213 kg	470 LB	5 900 392	
5 900 395	18586K	11 800 mm	38,71 Ft	217 kg	478 LB	5 900 395	
Počet trubek - 3 ks		36 200 mm	115,49	647 kg	1 426 LB		
Celkem trubek - 3 ks		35 200 mm	115,49	647 kg	1 426 LB		