


Manufacturer: ArcelorMittal Tubular Products Iasi S.A. Calea Chisinaului, 132, 700180 Iasi, Romania Phone: + 40 0232203105; + 40 0232203109 Fax: + 40 0232203300; + 40 0232203400	INSPECTION CERTIFICATE Acc. EN 10204 – type 3.1 No. 321750 Date: 19.03.2022 Page 1/4	A01 A02 A03 B03-B06	271756 Transport: SB 36 ROT/SB 08 UNA	A10 ArcelorMittal	
Customer: HUNGAROKOMPLEX K.ft. - DUNAI KIKOTO KFT/ ILRAKOCZI FERENC UTCA 175/ 1211	Prime longitudinally welded steel tubes Steel P235TR1 Black_plain ends cut on line Suitable for galvanizing Internal weld seam removed Direct welded	B12 Total weight kg 12 204.60	Total Length: 1 146.00 meters	Pieces 191	Bundles 11
Contract No. Addendum No. Order No. Destination	KOM/22 01 UNGARIA	Standard			
		EN 10217-1:2019			

Description product													
Nr Crt	Item	B07 Lot CTC	Heat	Product	B01-B02	B09 Dimension	B10 Thickness	B11 Lenght (mm)	Deviation	Bundles	B08 Pieces	B12 Weight (Kg)	Meters
1	13	22B256	P114180	EW STEEL PIPES P235TR1 EN 10217-1:2019		108	3.60	6000	+50/-0	2	38	2113.56	228.00
2	16	22B294	P114504	EW STEEL PIPES P235TR1 EN 10217-1:2019		139,7	4.00	6000	+50/-0	1	19	1527.60	114.00
3	17	22B384	J938756	EW STEEL PIPES P235TR1 EN 10217-1:2019		159	3.60	6000	+50/-0	3	30	2484.00	180.00
4	25	22B386	J927528	EW STEEL PIPES P235TR1 EN 10217-1:2019		159	4.50	6000	+50/-0	3	30	3078.00	180.00
5	10	22B352	P210364	EW STEEL PIPES P235TR1 EN 10217-1:2019		88,9	3.20	6000	+50/-0	2	74	3001.44	444.00

We state on our sole responsibility that the delivered products are in conformity with the order requirements.

Quality Director
Eng. I. Hrituleac



Quality Management System certified by TÜV SÜD Management Service GmbH / Certificate registration No. 12 100 8457 TMS
Environmental Management System certified by TÜV SÜD Management Service GmbH / Certificate registration No. 12 104 8457 TMS
OHSAS Management System certified by TÜV Rheinland Romania / Certificate registration No. TRR 126 20851

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Contract No. KOM/22		271756	
Addendum No. 01		A10	
Order No. UNGARIA		SB 36 ROT/SB 08 UNA	
Destination UNGARIA		EN 10217-1:2019	
INSPECTION CERTIFICATE Acc. EN 10204 – type 3.1 No. 321750 Date: 19.03.2022 Page 2/4			
Prime longitudinally welded steel tubes Steel P235TR1 Black plain ends cut on line Suitable for galvanizing Internal weld seam removed Direct welded 100% NDT on the weld seam. 100% NDT full body Marking on the pipes by painting: "ARCELORMITTAL IASI S.A. HEAT NO., LOT NO."			

Chemical Composition (%)										C71-C92			
B09 Diameter (mm)	B10 W.T. (mm)	GRADE STEEL	B07 Lot CTC	HEAT	C	Mn	Si	S	P	AI			
108	3.60	P235TR1	22B256	P114180	0.12	0.52	0.020	0.010	0.010	0.035			
139,7	4.00	P235TR1	22B294	P114504	0.11	0.53	0.020	0.010	0.010	0.035			
159	3.60	P235TR1	22B384	J938756	0.13	0.47	0.020	0.010	0.015	0.065			
159	4.50	P235TR1	22B386	J927528	0.12	0.45	0.020	0.016	0.020	0.040			
88,9	3.20	P235TR1	22B352	P210364	0.12	0.54	0.020	0.010	0.010	0.045			

Mechanical Test														C43			
B09 Diameter (mm)	B10 W.T. (mm)	STEEL GRADE	B07 Lot CTC	Heat	Direction of the test pieces	C02 Test temperature	C03 Section mm²	C10 Rp MPa	C11 Rm MPa	C12 A %	C13 Type of test piece	C40 Width of test piece	C41 Temperature	C44 Individual values			C43 KV medie
														KV1	KV2	KV3	
108	3.60	P235TR1	22B256	P114180	L	ambient	69.2	390	458	38.0	-	-	-	-	-	-	-
139,7	4.00	P235TR1	22B294	P114504	L	ambient	75.7	360	404	35.8	-	-	-	-	-	-	-
159	3.60	P235TR1	22B384	J938756	L	ambient	68.4	365	409	38.4	-	-	-	-	-	-	-
159	4.50	P235TR1	22B386	J927528	L	ambient	85.2	374	421	38.4	-	-	-	-	-	-	-
88,9	3.20	P235TR1	22B352	P210364	L	ambient	60.2	380	444	40.9	-	-	-	-	-	-	-

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INSPECTION CERTIFICATE Acc. EN 10204 – type 3.1 No. 321750 Date: 19.03.2022 Page 3/4		A02 A03 B03-B06		A01 A06 A07		271756 Transport: SB 36 ROT/SB 08 UNA		A10 Total weight kg 12 204.60		Total Length: 1 146.00 meters		Pieces 191		Bundles 11	
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Technological/Microstructure Test													
B09	B10	B07		C50			C51	C52	C53				
Diameter (mm)	W.T. (mm)	GRADE STEEL	Lot CTC	Heat	Flattening Test	Bending Test	Expanding Test	Stretching Test					
108	3.60	P235TR1	22B256	P114180	Conformity	-	-	-					
139,7	4.00	P235TR1	22B294	P114504	Conformity	-	-	-					
159	3.60	P235TR1	22B384	J938756	Conformity	-	-	-					
159	4.50	P235TR1	22B386	J927528	Conformity	-	-	-					
88,9	3.20	P235TR1	22B352	P210364	Conformity	-	-	-					

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- Visual inspection: checked without any objection.
- Tolerances on dimensions and shape: pass; impact test - N/A
- Suitable for galvanizing - Conformity
- Internal seam removed - Conformity
- NDT on the weld seam acc. EN ISO 10893-2:2011 - Conformity
- Leak tightness test acc. EN ISO 10893-1-3:2011 - Conformity

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