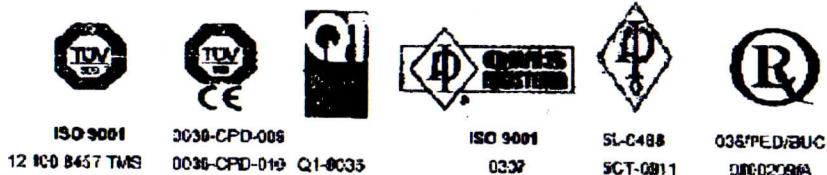




ArcelorMittal Tubular Products Iasi S.A.
 Calea Chisinăului nr. 132 Iasi
 Phone: +40 0232203105; +40 0232203105
 Fax: +40 0232203300; +40 0232203400



Form code: 2N3.1 Rev. 8

GL LR
 Grades: 360 Grades: 320 / 360
 WZ 1965 KH MD 003688/0001/4

INSPECTION CERTIFICATE
ACC. EN 10204 type 3.1
No. 1470 Date: August 31, 2010

CUSTOMER:
CSOCENTRUM KFT
 CONTRACT NO. CSO / 10
 ADDENDUM NO. 5
 REVISION NO. 1
 ORDER NO.
 DISCHARGE HUNGARY

Number auto: IS 21 TIT / IS 27 TIT

Description product: PRIME LONGITUDINALLY WELDED STEEL TUBES MNF ACC TO EN 10217/1-2002.
 STEEL P235TR1. BLACK PLAIN STRAIGHT CUT ENDS. SIZE 108 mm AND MORE. DIRECT WELDED.
 100% HYDROTTESTED AT 70 bar. INTERNAL WELD SEAM REMOVED.

LENGTH: 6000 + 100 / - 0 mm.

MARKING ON THE PIPES BY PAINTING: "ARCELORMITTAL IASI S.A. EW EN 10217/1, P235TR1, HEAT NO., LOT NO."

PRODUCT DIMENS.		Bols.	Pcs	QUANTITY		GRADE STEEL	HEAT NO.	LOT NO.	MECHANICAL TEST			TEST			Colour	CHEMICAL COMPOSITION (%)					
DIAMETER (mm)	W.T. (mm)			Mtr.	Kgs.				R _{eL} (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	Technological		Pressure (bar/5sec)		C Mn Si S P Al					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
169	4.30	12	120	720.000	11016.020	P235TR1	923298	517	297	414	39.6	-	OK	70	-	0.10	0.42	0.021	0.013	0.016	0.023
219.1	4.50	3	21	126.000	2998.800	P235TR1	923967	532	275	361	39.2	-	OK	70	-	0.09	0.45	0.022	0.013	0.016	0.033

Remarks: - Visual inspection and dimensional check without any objection.
 - NDT on the welding seam - Eddy current acc. EN 10248-3.

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

Quality Director
 Dr. Eng. V. Dia

Head of Quality Dept.
 Eng. Z. Anghel