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Type Inspection Certificate 3.1 EN 10204  
 THIS DOCUMENT WAS PRODUCED AUTOMATICALLY  
 AND IS VALID WITHOUT SIGNATURE  
 Number MP161120 Item 21  
 Issued On 01/12/2020

Product: Hot Rolled Heavy Plates  
 Standard: AISI 1045, ASTM-A830  
 Steel Grade: AISI 1045, GR-1045

Customer  
**MACSTEEL INTERNATIONAL USA COR**  
 333 WESTCHESTER AV SUITE S 101  
 10604 WHITE PLAINS - NEW YORK US

Code: 0000079393

Del. Address  
 PORT OF ALTAMIRA  
 28003 ALTAMIRA MX

Delivery Nn 5560813487  
 Of 01/12/2020  
 Delivery note nr 1060012224

Quality Control  
 G.M.D./Q.M. M. Quargnali  
 Plant S. Giorgio di Nogaro  
 Pages 4/6

Material  
**LTS**

Description  
**LTS 98,0X 240,0X0,500 AISI 1045, SAE 1045**

Surface Quality: EN10163-2 CL A2 - NO WELD REP.  
 Flatness: rlf EN 10029 cl. N  
 Tolerances: ASTM-A20

Delivery Condition: Normalizing Rolling  
 Steel Making Process: BO= Basic oxygen

Order Nr 1191280301/210  
 Client Order MP161120  
 Part Number  
 Client Date 17/11/2020

Item	Identification Nr	Heat	Quantity KG	Quantity PZ	Remarks
1	20EP022640 ✓	2909286 ✓	1482	1	Remarks: Tolerances acc. to ASTM A6 / A6M - 19
2	20EP022635	1909281	1482	1	
3	20EP022637	2909286	1482	1	
4	20EP022639	2909286	1482	1	

Identification Nr	C (%)	Mn (%)	Si (%)	S (%)	P (%)	Cr (%)	Ni (%)	Cu (%)	Al (%)	Mo (%)	Nb (%)	V (%)	Ti (%)	N (%)	Ceq (%)
	0.43 0.5	0.6 0.9		0.03	0.03										
20EP022640	.460	.600	.250	.0060	.0140	.020	.020	.040	.036	.0050	.010	.005	.0000	.0080	.57
20EP022635	.440	.600	.220	.0040	.0110	.010	.020	.050	.032	.0050	.010	.005	.0000	.0080	.54
20EP022637	.460	.600	.250	.0060	.0140	.020	.020	.040	.036	.0050	.010	.005	.0000	.0080	.57
20EP022639	.460	.600	.250	.0060	.0140	.020	.020	.040	.036	.0050	.010	.005	.0000	.0080	.57

Identification Nr	HRB
20EP022640	165
20EP022635	166
20EP022637	165
20EP022639	165

Ultrasonic control						Firma
Equipment	Serial number	Surface conditions	Couplant	Procedure	Calibration	G.M.D. M. Quargnali
Gilardoni RDG/700	1001288	As Rolled	Water	According To Specification	According To Specification	



Item	Standard of reference	Acceptance criteria	Result	Indications	Reticle	Edges	Probe	Frequency	Angle

(1) Location: 1=Top, 2=Bottom, (2) Location: 1/2=1/2 thickness, P=Surface, 1/4=1/4 thickness, (3) Direction: L=Longitudinal, T=Transverse

Descrizione Marchi

Effective contamination  
 Visual examination of the surface condition: without objection  
 The plates are in compliance with the order prescription