A01 STOMANA INDUSTRY S.A.
1, Vladaysko Vastanie Str.
2304, Pernik, BULGARIA

A03 **INSPECTION CERTIFICATE : MX192450LOT3A**

A02 Acc To : EN10204/3.1
Date 27.11.2019

A06 Customer : DUFERCO SA
Consignee : SERVICIOS Y ALMACENES DE VERAC
A07 Customer
B01 Product : Prime Hot Rolled Steel Plates
ASTM A36-Carbon Steel/not alloy/;
ASTM A283GRC-Carbon Steel;
B08 Total Nr of pieces : 396
Total mass, kg : 920 478

A08 Order Nr : MX192450 LOT3A
Lot Nr :
Standard : ASTM A36/A283 GR C;ASTM A6

Dispatched in Wagon/Truck
Destination Mexico MX

ORIGIN BULGARIA/ MADE IN BULGARIA/DUFERCO

No	Plate	lot	Dimensions / Size				Dimensions / Size			Mass	Heat	Batch	Steel			Mechanical properties															
			Thickness													Tested plate	Tension				Impact strength							Tension		Bend in cold	Hardness
			Cl.	Thick	Width	Length	Thick	Width	Length	Weight	Cast		Grade		Cond		yield	tensile	Elong	Dir.		V - notch (ISO - V)				Dir.	0,2% yield			
																	ReH	Rm	*	test	Temp	KV	Kv1	Kv2	Kv3	test	Temp	yield		
	B07			B09	B10	B11	B09	B10	B11		B07	B-07	B02		B-04	C00	C11	C12	C13	C02	C03	C43	C42	C42	C42	C02	C03	C11		
	No	No		mm	mm	mm	inch	inch	inch	kg	No	No	Grade	No		No	Mpa	Mpa	%		°C	J	J	J	J		°C	Mpa		
1	83880A0101	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
2	83880A0102	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
3	83880A0103	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
4	83880A0201	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
5	83880A0202	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
6	83880A0203	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
7	83880A0301	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
8	83880A0302	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
9	83880A0401	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
10	83880A0402	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
11	83880A0403	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
12	83880A0501	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
13	83880A0502	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
14	83880A0503	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
15	83880A0601	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
16	83880A0602	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
17	83880A0603	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
18	83880A0701	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
19	83880A0702	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
20	83880A0703	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
21	83880A0803	0		9,53	2438	6096	3/8	96	240	1 112	83880	83880A	A36/A283 GR C		AR	83880A0201	366	502	24	T		0	0	0	0			0		
22	83986C1801	0		9,53	2438	6096	3/8	96	240	1 112	83986	83986C	A36/A283 GR C		AR	83986C1801	361	484	27	T		0	0	0	0			0		
23	83986C1802	0		9,53	2438	6096	3/8	96	240	1 112	83986	83986C	A36/A283 GR C		AR	83986C1801	361	484	27	T		0	0	0	0			0		
24	83986C1803	0		9,53	2438	6096	3/8	96	240	1 112	83986	83986C	A36/A283 GR C		AR	83986C1801	361	484	27	T		0	0	0	0			0		
25	83986C1901	0		9,53	2438	6096	3/8	96	240	1 112	83986	83986C	A36/A283 GR C		AR	83986C1801	361	484	27	T		0	0	0	0			0		
26	83986C1902	0		9,53	2438	6096	3/8	96	240	1 112	83986	83986C	A36/A283 GR C		AR	83986C1801	361	484	27	T		0	0	0	0			0		

No	B07 Heat / Cast Nr	Deoxidation Method	/ C71 / Chemical composition / % /																
			C	Si	Mn	P	S	N	Cu	Cr	Ni	Mo	Al	V	Ti	Nb	W	As	Ceq
1	83846		0.130	0.230	0.850	0.014	0.017	0.011	0.290	0.070	0.080	0.014	0.037	0.003	0.034	0.001	0.000	0.012	0.314
2	83924		0.130	0.240	0.830	0.013	0.006	0.010	0.290	0.090	0.070	0.011	0.033	0.004	0.026	0.001	0.000	0.010	0.313
3	83919		0.130	0.240	0.850	0.014	0.004	0.010	0.310	0.100	0.080	0.012	0.033	0.005	0.029	0.001	0.000	0.014	0.321
4	83921		0.120	0.270	0.860	0.012	0.002	0.010	0.250	0.080	0.090	0.011	0.037	0.006	0.037	0.001	0.000	0.010	0.305
5	83923		0.130	0.240	0.840	0.011	0.005	0.010	0.280	0.070	0.080	0.010	0.031	0.004	0.033	0.001	0.000	0.010	0.311
6	83947		0.140	0.260	0.860	0.009	0.003	0.011	0.330	0.070	0.090	0.018	0.036	0.005	0.035	0.001	0.000	0.011	0.330
7	83949		0.130	0.260	0.830	0.009	0.010	0.010	0.300	0.070	0.100	0.016	0.040	0.004	0.033	0.001	0.000	0.011	0.313
8	83922		0.130	0.240	0.850	0.011	0.007	0.011	0.270	0.070	0.090	0.012	0.037	0.005	0.038	0.001	0.000	0.012	0.313
9	83951		0.140	0.250	0.830	0.010	0.012	0.009	0.310	0.060	0.080	0.015	0.038	0.004	0.028	0.001	0.000	0.013	0.320
10	83989		0.130	0.230	0.860	0.011	0.006	0.009	0.290	0.070	0.080	0.013	0.033	0.003	0.031	0.001	0.000	0.011	0.315
11	83986		0.130	0.240	0.810	0.014	0.009	0.009	0.290	0.090	0.090	0.019	0.035	0.003	0.035	0.001	0.000	0.012	0.313
12	83880		0.140	0.250	0.860	0.021	0.008	0.009	0.310	0.120	0.100	0.019	0.033	0.005	0.026	0.001	0.002	0.012	0.340
13	83988		0.140	0.240	0.850	0.011	0.005	0.009	0.300	0.070	0.080	0.013	0.029	0.003	0.026	0.001	0.000	0.011	0.324
14	83944		0.140	0.250	0.840	0.010	0.005	0.009	0.280	0.080	0.070	0.011	0.030	0.004	0.027	0.001	0.000	0.011	0.322
15	84002		0.130	0.230	0.840	0.011	0.004	0.009	0.290	0.090	0.080	0.014	0.037	0.004	0.027	0.001	0.000	0.010	0.316
16	84050		0.140	0.250	0.840	0.012	0.007	0.009	0.360	0.080	0.100	0.022	0.038	0.004	0.030	0.001	0.000	0.010	0.332
17	83946		0.130	0.250	0.820	0.009	0.006	0.009	0.260	0.060	0.070	0.012	0.032	0.004	0.032	0.001	0.000	0.012	0.304
18	84149		0.130	0.230	0.860	0.010	0.009	0.009	0.220	0.080	0.110	0.018	0.045	0.004	0.035	0.001	0.000	0.017	0.318
19	84150		0.130	0.250	0.880	0.012	0.008	0.008	0.240	0.110	0.090	0.017	0.041	0.004	0.029	0.001	0.000	0.014	0.325
20	84151		0.140	0.230	0.860	0.011	0.008	0.008	0.220	0.100	0.090	0.014	0.039	0.004	0.033	0.001	0.000	0.014	0.328
21	84153		0.140	0.230	0.860	0.011	0.007	0.010	0.260	0.080	0.100	0.017	0.045	0.004	0.038	0.001	0.000	0.014	0.328
22	84052		0.130	0.240	0.830	0.011	0.013	0.010	0.340	0.080	0.090	0.024	0.045	0.004	0.029	0.001	0.000	0.008	0.319
23	84156		0.140	0.290	0.860	0.012	0.014	0.010	0.270	0.070	0.090	0.014	0.033	0.003	0.025	0.001	0.000	0.013	0.325
24	84152		0.130	0.260	0.850	0.010	0.008	0.010	0.210	0.090	0.070	0.015	0.028	0.004	0.023	0.001	0.000	0.016	0.312
25	84154		0.130	0.250	0.850	0.010	0.005	0.010	0.250	0.070	0.090	0.017	0.048	0.004	0.036	0.001	0.000	0.016	0.313
26	84146		0.140	0.250	0.820	0.011	0.012	0.010	0.230	0.090	0.090	0.011	0.039	0.004	0.031	0.001	0.000	0.014	0.319

D01 - RESULT OF SURFACE CONTROL AND DIMENSIONAL CHECK: SATISFACTORY

Z01 - WE HEREBY CERTIFY THAT THE ABOVE MENTIONED STEEL HAS BEEN DELIVERED TO YOU IN COMPLIANCE WITH YOUR PURCHASE ORDER.
WE HEREBY CERTIFY THAT THE ABOVE MENTIONED STEEL (HEAT NUMBER) HAS BEEN TESTED AND PROVED TO BE FREE OF RADIOACTIVITY

*Lo=8 in.

A05 Chief Department
Technical control
Stomana Industry S.A.