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

A03 **INSPECTION CERTIFICATE : MX192450LOT5A**

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 : 731
Total mass, kg : 1 633 259

A08 Order Nr : MX192450 LOT5A
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		Steel			Tested plate	Mechanical properties														
			Thickness														Tension				Impact strength						Tension		Bend in	Hardness
			Cl.	Thick	Width	Length	Thick	Width	Length	Weight	Cast	Batch	Grade		Cond		yield ReH	tensile Rm	Elong *	Dir. test	Temp	V - notch (ISO - V) KV	Kv1	Kv2	Kv3	Dir. test	0,2% yield Temp	yield	cold	
	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	83880A0801	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	83880A0802	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	83880A0901	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	83880A0902	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	83880A0903	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	83880A1001	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	83880A1002	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	83880A1003	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	83880A1101	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	83880A1102	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	83880A1103	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	83880A1201	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	83880A1202	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	83880A1203	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	83880A1301	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	83880A1302	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	83880A1303	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	83880A1401	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	83880A1402	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	83880A1403	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	83880A1501	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	83880A1502	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		
23	83880A1503	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		
24	83989A0101	0		9,53	2438	6096	3/8	96	240	1 112	83989	83989A	A36/A283 GR C		AR	83989A0501	350	480	26	T		0	0	0	0			0		
25	83989A0102	0		9,53	2438	6096	3/8	96	240	1 112	83989	83989A	A36/A283 GR C		AR	83989A0501	350	480	26	T		0	0	0	0			0		
26	83989A0201	0		9,53	2438	6096	3/8	96	240	1 112	83989	83989A	A36/A283 GR C		AR	83989A0501	350	480	26	T		0	0	0	0			0		

615	83877B2401	0		31,75	1829	6096	1 1/4	72	240	2 779	83877	83877B	A36/A283 GR C		AR	83877B2201	306	458	23	T		0	0	0	0			0		
616	83918B1901	0		31,75	1829	6096	1 1/4	72	240	2 779	83918	83918B	A36/A283 GR C		AR	83918B1901	296	453	23	T		0	0	0	0			0		
617	83918B2001	0		31,75	1829	6096	1 1/4	72	240	2 779	83918	83918B	A36/A283 GR C		AR	83918B1901	296	453	23	T		0	0	0	0			0		
618	83918B2101	0		31,75	1829	6096	1 1/4	72	240	2 779	83918	83918B	A36/A283 GR C		AR	83918B1901	296	453	23	T		0	0	0	0			0		
619	83918B2201	0		31,75	1829	6096	1 1/4	72	240	2 779	83918	83918B	A36/A283 GR C		AR	83918B1901	296	453	23	T		0	0	0	0			0		
620	83925B1901	0		31,75	1829	6096	1 1/4	72	240	2 779	83925	83925B	A36/A283 GR C		AR	83925B1901	311	469	28	T		0	0	0	0			0		
621	83925B2001	0		31,75	1829	6096	1 1/4	72	240	2 779	83925	83925B	A36/A283 GR C		AR	83925B1901	311	469	28	T		0	0	0	0			0		
622	83925B2101	0		31,75	1829	6096	1 1/4	72	240	2 779	83925	83925B	A36/A283 GR C		AR	83925B1901	311	469	28	T		0	0	0	0			0		
623	83925B2201	0		31,75	1829	6096	1 1/4	72	240	2 779	83925	83925B	A36/A283 GR C		AR	83925B1901	311	469	28	T		0	0	0	0			0		
624	83925B2401	0		31,75	1829	6096	1 1/4	72	240	2 779	83925	83925B	A36/A283 GR C		AR	83925B1901	311	469	28	T		0	0	0	0			0		
625	83926C2201	0		31,75	1829	6096	1 1/4	72	240	2 779	83926	83926C	A36/A283 GR C		AR	83926C2301	296	458	29	T		0	0	0	0			0		
626	83926C2301	0		31,75	1829	6096	1 1/4	72	240	2 779	83926	83926C	A36/A283 GR C		AR	83926C2301	296	458	29	T		0	0	0	0			0		
627	83986A0101	0		31,75	1829	6096	1 1/4	72	240	2 779	83986	83986A	A36/A283 GR C		AR	83986A0201	295	450	24	T		0	0	0	0			0		
628	83986A0201	0		31,75	1829	6096	1 1/4	72	240	2 779	83986	83986A	A36/A283 GR C		AR	83986A0201	295	450	24	T		0	0	0	0			0		
629	83987A0301	0		31,75	1829	6096	1 1/4	72	240	2 779	83987	83987A	A36/A283 GR C		AR	83987A0301	304	459	26	T		0	0	0	0			0		
630	83987A0401	0		31,75	1829	6096	1 1/4	72	240	2 779	83987	83987A	A36/A283 GR C		AR	83987A0301	304	459	26	T		0	0	0	0			0		
631	83987A0501	0		31,75	1829	6096	1 1/4	72	240	2 779	83987	83987A	A36/A283 GR C		AR	83987A0301	304	459	26	T		0	0	0	0			0		
632	83987A0601	0		31,75	1829	6096	1 1/4	72	240	2 779	83987	83987A	A36/A283 GR C		AR	83987A0301	304	459	26	T		0	0	0	0			0		
633	83987A0701	0		31,75	1829	6096	1 1/4	72	240	2 779	83987	83987A	A36/A283 GR C		AR	83987A0301	304	459	26	T		0	0	0	0			0		
634	84151B0601	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
635	84151B0701	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
636	84151B0801	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
637	84151B0901	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
638	84151B1001	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
639	84151B1101	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
640	84151B1201	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
641	84151B1301	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
642	84151B1401	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
643	84151B1501	0		31,75	1829	6096	1 1/4	72	240	2 779	84151	84151B	A36/A283 GR C		AR	84151B1001	286	449	29	T		0	0	0	0			0		
644	83847A0101	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
645	83847A0201	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
646	83847A0301	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
647	83847A0401	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
648	83847A0501	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
649	83847A0601	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
650	83847A0701	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
651	83847A0801	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
652	83847A0901	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
653	83847A1001	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
654	83847A1101	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
655	83847A1201	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
656	83847A1301	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
657	83847A1401	0		31,75	2438	6096	1 1/4	96	240	3 704	83847	83847A	A36/A283 GR C		AR	83847A0201	301	458	22	T		0	0	0	0			0		
658	84048A0101	0		38,1	1829	6096	1 1/2	72	240	3 335	84048	84048A	A36/A283 GR C		AR	84048A0101	278	451	24	T		0	0	0	0			0		
659	84048A0201	0		38,1	1829	6096	1 1/2	72	240	3 335	84048	84048A	A36/A283 GR C		AR	84048A0101	278	451	24	T		0	0	0	0			0		
660	84048A0301	0		38,1	1829	6096	1 1/2	72	240	3 335	84048	84048A	A36/A283 GR C		AR	84048A0101	278	451	24	T		0	0	0	0			0		
661	84048A0401	0		38,1	1829	6096	1 1/2	72	240	3 335	84048	84048A	A36/A283 GR C		AR	84048A0101	278	451	24	T		0	0	0	0			0		
662	84048A0501	0		38,1	1829	6096	1 1/2	72	240	3 335	84048	84048A	A36/A283 GR C		AR	84048A0101	278	451	24	T		0	0	0	0			0		
663	84048A0601	0		38,1	1829	6096	1 1/2	72	240	3 335	84048	84048A	A36/A283 GR C		AR	84048A0101	278	451	24	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	83855		0.130	0.230	0.830	0.012	0.010	0.009	0.310	0.090	0.090	0.013	0.039	0.003	0.027	0.001	0.000	0.013	0.316
2	83858		0.140	0.280	0.860	0.013	0.003	0.009	0.310	0.110	0.080	0.014	0.035	0.004	0.032	0.002	0.000	0.012	0.335
3	83879		0.150	0.260	0.860	0.022	0.008	0.010	0.360	0.170	0.100	0.017	0.038	0.005	0.029	0.002	0.001	0.014	0.362
4	83925		0.140	0.220	0.850	0.010	0.004	0.008	0.370	0.080	0.080	0.013	0.032	0.004	0.030	0.001	0.000	0.010	0.331
5	83920		0.130	0.250	0.840	0.018	0.004	0.009	0.280	0.120	0.090	0.013	0.033	0.005	0.030	0.002	0.000	0.014	0.322
6	83877		0.140	0.250	0.850	0.014	0.006	0.009	0.330	0.100	0.100	0.017	0.035	0.004	0.025	0.001	0.000	0.012	0.335
7	83918		0.130	0.220	0.850	0.013	0.007	0.010	0.350	0.100	0.090	0.013	0.035	0.005	0.034	0.001	0.000	0.013	0.325
8	83874		0.140	0.220	0.830	0.010	0.006	0.008	0.270	0.080	0.080	0.015	0.038	0.004	0.027	0.001	0.000	0.015	0.322
9	83852		0.140	0.250	0.850	0.012	0.007	0.009	0.290	0.080	0.080	0.016	0.026	0.003	0.022	0.001	0.000	0.013	0.326
10	83849		0.130	0.250	0.850	0.011	0.015	0.010	0.320	0.080	0.080	0.012	0.037	0.002	0.029	0.001	0.000	0.013	0.317
11	84048		0.130	0.240	0.840	0.011	0.007	0.008	0.320	0.070	0.110	0.015	0.038	0.004	0.033	0.001	0.000	0.010	0.317
12	84003		0.130	0.240	0.850	0.010	0.008	0.009	0.300	0.070	0.080	0.011	0.037	0.004	0.030	0.001	0.000	0.009	0.314
13	83847		0.140	0.240	0.860	0.018	0.013	0.011	0.290	0.100	0.070	0.012	0.034	0.003	0.028	0.001	0.000	0.013	0.330
14	83848		0.130	0.270	0.850	0.013	0.013	0.011	0.290	0.080	0.070	0.012	0.038	0.003	0.036	0.001	0.001	0.012	0.315
15	83854		0.130	0.240	0.850	0.015	0.013	0.010	0.350	0.100	0.090	0.014	0.033	0.003	0.028	0.001	0.000	0.013	0.324
16	84145		0.150	0.240	0.850	0.010	0.008	0.010	0.240	0.150	0.090	0.012	0.031	0.004	0.026	0.001	0.000	0.014	0.347
17	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
18	83987		0.140	0.230	0.840	0.013	0.009	0.009	0.330	0.080	0.090	0.017	0.038	0.003	0.031	0.001	0.000	0.011	0.328
19	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
20	83853		0.140	0.240	0.850	0.013	0.009	0.010	0.310	0.080	0.090	0.014	0.031	0.003	0.030	0.001	0.000	0.013	0.328
21	83926		0.130	0.240	0.830	0.010	0.004	0.009	0.320	0.080	0.090	0.013	0.039	0.004	0.028	0.001	0.000	0.010	0.315
22	83845		0.130	0.230	0.860	0.013	0.009	0.011	0.280	0.080	0.080	0.014	0.028	0.003	0.034	0.001	0.000	0.011	0.317
23	83851		0.140	0.240	0.840	0.012	0.013	0.010	0.290	0.080	0.080	0.013	0.029	0.003	0.032	0.001	0.000	0.014	0.324
24	83850		0.140	0.260	0.850	0.011	0.009	0.010	0.290	0.080	0.080	0.013	0.032	0.003	0.032	0.001	0.000	0.014	0.326
25	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
26	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
27	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
28	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
29	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
30	83948		0.130	0.250	0.830	0.010	0.005	0.011	0.340	0.070	0.080	0.014	0.040	0.005	0.039	0.001	0.000	0.011	0.314
31	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
32	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
33	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
34	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
35	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

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.

STOMANA S.A.