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		

223	83851A0401	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
224	83851A0402	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
225	83851A0403	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
226	83851A0501	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
227	83851A0502	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
228	83851A0601	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
229	83851A0602	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
230	83851A0603	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
231	83851A0702	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
232	83851A0703	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
233	83851A0801	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
234	83851A0802	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
235	83851A0901	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
236	83851A0902	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
237	83851A0903	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
238	83851A1001	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
239	83851A1002	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
240	83851A1003	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
241	83851A1101	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
242	83851A1102	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
243	83851A1103	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
244	83851A1201	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
245	83851A1202	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
246	83851A1301	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
247	83851A1302	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
248	83851A1403	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
249	83851A1501	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
250	83851A1502	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
251	83851A1503	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
252	83851A1601	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
253	83851A1602	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
254	83851A1703	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
255	83851A1801	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
256	83851A1802	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
257	83851A1901	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
258	83851A1902	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
259	83851A1903	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851A	A36/A283 GR C		AR	83851A0801	319	475	23	T		0	0	0	0			0		
260	83851B2001	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851B	A36/A283 GR C		AR	83851B0801	319	475	23	T		0	0	0	0			0		
261	83851B2002	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851B	A36/A283 GR C		AR	83851B0801	319	475	23	T		0	0	0	0			0		
262	83851B2003	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851B	A36/A283 GR C		AR	83851B0801	319	475	23	T		0	0	0	0			0		
263	83851B2101	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851B	A36/A283 GR C		AR	83851B0801	319	475	23	T		0	0	0	0			0		
264	83851B2102	0		19,05	1829	6096	3/4	72	240	1 667	83851	83851B	A36/A283 GR C		AR	83851B0801	319	475	23	T		0	0	0	0			0		
265	83988A0101	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	T		0	0	0	0			0		
266	83988A0102	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	T		0	0	0	0			0		
267	83988A0103	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	T		0	0	0	0			0		
268	83988A0201	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	T		0	0	0	0			0		
269	83988A0202	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	T		0	0	0	0			0		
270	83988A0203	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	T		0	0	0	0			0		
271	83988A0301	0		19,05	1829	6096	3/4	72	240	1 667	83988	83988A	A36/A283 GR C		AR	83988A1001	331	472	22	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.