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		

174	84003C2702	0		15,88	1829	6096	5/8	72	240	1 390	84003	84003C	A36/A283 GR C		AR	84003C2701	292	455	25	T		0	0	0	0			0		
175	84003C2801	0		15,88	1829	6096	5/8	72	240	1 390	84003	84003C	A36/A283 GR C		AR	84003C2701	292	455	25	T		0	0	0	0			0		
176	84003C2802	0		15,88	1829	6096	5/8	72	240	1 390	84003	84003C	A36/A283 GR C		AR	84003C2701	292	455	25	T		0	0	0	0			0		
177	84003C2803	0		15,88	1829	6096	5/8	72	240	1 390	84003	84003C	A36/A283 GR C		AR	84003C2701	292	455	25	T		0	0	0	0			0		
178	84153C1001	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
179	84153C1002	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
180	84153C1003	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
181	84153C1102	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
182	84153C1103	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
183	84153C1201	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
184	84153C1202	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
185	84153C1203	0		15,88	1829	6096	5/8	72	240	1 390	84153	84153C	A36/A283 GR C		AR	84153C1001	299	457	23	T		0	0	0	0			0		
186	84156C2301	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
187	84156C2302	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
188	84156C2303	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
189	84156C2401	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
190	84156C2402	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
191	84156C2403	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
192	84156C2501	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
193	84156C2502	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
194	84156C2503	0		15,88	1829	6096	5/8	72	240	1 390	84156	84156C	A36/A283 GR C		AR	84156C2501	318	473	24	T		0	0	0	0			0		
195	83853A1501	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
196	83853A1502	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
197	83853A1601	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
198	83853A1602	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
199	83853A1701	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
200	83853A1702	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
201	83853A1801	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
202	83853A1802	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
203	83853A1901	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
204	83853A1902	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
205	83853A2001	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
206	83853A2002	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
207	83853A2101	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
208	83853A2102	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
209	83853A2201	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
210	83853A2202	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
211	83853A2301	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
212	83853A2302	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
213	83853A2401	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
214	83853A2402	0		15,88	2438	6096	5/8	96	240	1 853	83853	83853A	A36/A283 GR C		AR	83853A0301	301	463	25	T		0	0	0	0			0		
215	84052C3102	0		15,88	2438	6096	5/8	96	240	1 853	84052	84052C	A36/A283 GR C		AR	84052C3201	318	463	25	T		0	0	0	0			0		
216	84052C3201	0		15,88	2438	6096	5/8	96	240	1 853	84052	84052C	A36/A283 GR C		AR	84052C3201	318	463	25	T		0	0	0	0			0		
217	84052C3202	0		15,88	2438	6096	5/8	96	240	1 853	84052	84052C	A36/A283 GR C		AR	84052C3201	318	463	25	T		0	0	0	0			0		
218	83851A0201	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		
219	83851A0202	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		
220	83851A0203	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		
221	83851A0301	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		
222	83851A0302	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		

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.