

OJSC Donetsk Iron and Steel Works

Quality Certificate No. 5922 / 5

Date: 06.08.04

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Description of Goods:
Hot Rolled Steel Plates
Boron Alloyed 0.0015% min. - 0.0030% max.

Standard:
ASTM A36/A36M
ASTM A6/6M

Size:	Heat No.	Mass (MT) Fact	Lot No.	Chemical analysis														Mechanical properties			
				C	Si	Mn	S	P	Cr	Ni	Cu	As	N2	Al	Ti	Mo	V	B	Tensile Strength h	Yield Point	Elongation
15,88x1829x6096	50631	60,42	148	17	25	47	17	10	10	5	5							20	464	279,0	32,0
15,88x1829x6096	36644	54,83	150	17	23	48	10	10	8	6	6							20	463	284,0	36,0
15,88x1829x6096	80606	60,44	191	16	24	47	18	14	7	5	7							30	457	286,0	34,0
15,88x1829x6096	36646	55,85	192	17	20	50	27	27	22	9	7							30	469	311,0	32,0
15,88x1829x6096	36646	4,24	193	17	20	50	27	27	22	9	7							30	463	297,0	28,0
15,88x1829x6096	30606	24,50	251	18	23	49	33	12	21	12	6							20	468	305,0	32,0
15,88x1829x6096	60634	58,98	232	18	24	43	16	10	18	8	8							20	467	294,0	32,0
15,88x1829x6096	50644	50,22	281	18	19	44	30	27	10	5	6							20	464	308,0	36,0
15,88x1829x6096	30609	43,66	269	18	22	44	23	16	8	5	6							30	485	305,0	36,0
15,88x1829x6096	36657	53,52	292	16	21	46	22	17	14	8	9							20	462	279,0	34,0
15,88x1829x6096	30610	63,30	293	16	21	44	36	10	14	9	10							30	436	257,0	34,0
9x1829x6096	80619	62,04	284	20	22	47	20	23	4	5	7							20	463	281,0	36,0
																		15	464	283,0	34,0
																		20	469	302,0	34,0
																		15	468	302,0	32,0
																		20	455	283,0	36,0
																		20	454	284,0	36,0
																		20	511	326,0	32,0
																		20	497	315,0	32,0

5/8 x 6 x 20

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15,88x1829x6096	70619	57,92	313	16	21	44	25	24	11	6	9					6	5			15	457	294,0	34,0
15,88x1829x6096	80623	30,10	316	17	21	43	27	17	8	5	7					6	7			20	441	287,0	32,0
15,88x1829x6096	36671	19,98	354	17	24	44	25	12	7	4	4				8	5			25	446	294,0	32,0	
Total:		700,00 MT																			457	271,0	36,0
																					455	277,0	36,0

LOT № A Color code: Black

Inspection department of OJSC "Donetsk Iron and Steel Works"

The Sales and Foreign Economic Relations Director

Seliverstov A.E.