



TIANJIN BAOLAI INTERNATIONAL TRADE CO.,LTD

MILL TEST CERTIFICATES

CUSTOMER : DUFERCO SA

DATE OF ISSUE: 16-Jan-12

MANUFACTURER: TIANJIN BAOLAI INTERNATIONAL TRADE CO.,LTD

PRODUCER:TIANJIN BAOLAI INTERNATIONAL TRADE CO.,LTD

STEEL QUALITY AS PER DESCRIPTION OF GOODS: ASTM A500 GR B

THE MILL:TIANJIN BAOLAI INTERNATIONAL TRADE CO.,LTD

EACH HEAT THE HEAT NUMBER	EACH SIZE	LENGTH (M)	WEIGHTS (MT)	NUMBER OF PIECES	CHEMICAL COMPOSITION (%)				PHYSICAL PROPERTIES			BEND FLATTENING TEST	NON-DESTRUCTIVE TEST
					C	Mn	P	S	T.S (MPa)	Y.P (MPa)	E.L (%)		
BLACK HOLLOW SECTIONS WITHOUT ANY COATING IN 12.20M LENGTH													
B10836	3"X3"X1/4"	12.20	30.707	192	0.15	0.55	0.023	0.021	420	325	25	G	G
B10223	4"X4"X3/16"	12.20	41.042	240	0.16	0.56	0.023	0.021	420	325	25	G	G
B10691	4"X4"X1/4"	12.20	82.454	372	0.16	0.56	0.023	0.021	420	325	25	G	G
B10397	4"X4"X5/16"	12.20	32.306	120	0.16	0.56	0.023	0.021	420	325	25	G	G
B10221	4"X4"X3/8"	12.20	28.216	90	0.16	0.56	0.023	0.021	420	325	25	G	G
B10223	6"X6"X3/16"	12.20	21.366	81	0.16	0.56	0.023	0.021	420	325	25	G	G
B10691	6"X6"X1/4"	12.20	93.227	270	0.16	0.56	0.023	0.021	420	325	25	G	G
B10331	6"X6"X5/16"	12.20	61.014	144	0.16	0.56	0.023	0.021	420	325	25	G	G
B10221	6"X6"X3/8"	12.20	38.911	78	0.16	0.56	0.023	0.021	420	325	25	G	G
B10691	8"X8"X1/4"	12.20	82.495	176	0.16	0.56	0.023	0.021	420	325	25	G	G
B10397	10"X10"X5/16"	12.20	32.23	44	0.16	0.56	0.023	0.021	420	325	25	G	G
B10221	10"X10"X3/8"	12.20	38.26	44	0.16	0.56	0.023	0.021	420	325	25	G	G
B10397	12"X12"X5/16"	12.20	31.932	36	0.16	0.56	0.023	0.021	420	325	25	G	G
B10221	12"X12"X3/8"	12.20	88.597	84	0.16	0.55	0.023	0.021	420	325	25	G	G
B10691	4"X6"X1/4"	12.20	30.625	108	0.16	0.55	0.023	0.021	420	325	25	G	G



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					C	Mn	P	S	T.S (MPa)	Y.P (MPa)	E.L (%)		
BLACK HOLLOW SECTIONS WITHOUT ANY COATING IN 12.20M LENGTH													
B10223	4"X8"X3/16"	12.20	31.653	120	0.16	0.55	0.023	0.021	420	325	25	G	G
B10691	10"X4"X1/4"	12.20	39.072	96	0.16	0.55	0.023	0.021	420	325	25	G	G
B10221	10"X4"X3/8"	12.20	28.389	48	0.16	0.55	0.023	0.021	420	325	25	G	G
B10221	12"X8"X3/8"	12.20	31.304	36	0.15	0.55	0.023	0.021	420	325	25	G	G
TOTAL			863.800	2,379									
<p>WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTABLE.</p>									<p>TIANJIN BAOLAI INTERNATIONAL TRADE CO.,LTD.</p> <p>SIGNATURE</p>				