



TIANJIN YOUFA INTERNATIONAL TRADE CO. LTD

MILL TEST CERTIFICATE

CERTIFICATE NUMBER: YF140409

ISSUED DATE: APR. 4TH, 2013

CUSTOMER: SAMSUNG C AND T CORPORATION SAMSUNG CORPORATION BLDG., 1321-20 SEOCHO 2-DONG, SEOCHO-GU, SEOUL, KOREA		TECHNICAL SPECIFICATIONS: ACC. TO ASTM A500 GR B	
MANUFACTURER: TIANJIN YOUFA INTERNATIONAL TRADE CO.LTD. RM 1502-1509, 15F, NO. 4 ANSHUN BUILDING, DAFENG ROAD (AQUA CITY), HONGQIAO DISTR., TIANJIN CITY, CHINA TEL: 0086-22-5833 8800-8810 FAX: 0086-22-5833 8808 TAX ID:12010605528272X E-MAIL: LISA@YFGG.COM		COUNTRY OF ORIGIN:  CHINA	EXPORTING COUNTRY:  CHINA

DESCRIPTION OF GOODS

ERW CARBON STEEL PIPES TO ASTM A500 GR.B BOTH PLAIN ENDS, REGULAR OILED OUTSIDE QUANTITY 903.32MT

No	SIZE	LENGTH	HEAT NO.	PCS	QTY (MT)	QUALITIES								
						CHEMICAL COMPOSITION(%)					PHYSICAL PROPERTIES			
	INCH	M				C	Mn	P	S	Si	TENSION TEST			BEND TEST
									TENSILE STRENGTH (N/mm2)	YIELD POINT (Mpa)	ELONGATION (%)			
1	4" X 4" X 3/8"	12.2	1-10765	60	20.63	0.15	0.35	0.017	0.022	0.20	425	318	29	GOOD
2	6" X 6" X 3/16"	12.2	4-B01817	90	24.41	0.15	0.37	0.022	0.021	0.19	410	325	27	GOOD
3	6" X 6" X 1/4"	12.2	4-C00731	180	64.58	0.14	0.36	0.018	0.019	0.23	415	320	26	GOOD
4	6" X 6" X 3/8"	12.2	1-10795	117	61.93	0.15	0.35	0.019	0.018	0.22	425	319	28	GOOD
5	6" X 6" X 1/2"	12.2	1-10798	45	31.19	0.16	0.37	0.022	0.022	0.20	420	323	29	GOOD
6	8" X 6" X 1/4"	12.2	2-001823	36	15.14	0.14	0.33	0.020	0.021	0.21	410	322	27	GOOD
7	8" X 8" X 3/16"	12.2	143008713	80	29.11	0.15	0.34	0.018	0.018	0.23	425	320	28	GOOD
8	10" X 10" X 1/4"	12.2	2310102945	164	99.38	0.15	0.35	0.021	0.020	0.18	415	321	26	GOOD
9	10" X 10" X 5/16"	12.2	2310102946	52	39.21	0.14	0.37	0.019	0.019	0.22	420	324	29	GOOD
10	10" X 10" X 3/8"	12.2	2310103425	84	75.63	0.16	0.35	0.020	0.018	0.20	410	320	28	GOOD
11	10" X 10" X 1/2"	12.2	2310106548	28	33.26	0.15	0.36	0.017	0.022	0.21	425	325	27	GOOD
12	12" X 12" X 1/4"	12.2	1304R07171	48	35.02	0.15	0.34	0.019	0.021	0.19	410	318	29	GOOD
13	12" X 12" X 3/8"	12.2	1304R07173	14	15.2	0.14	0.35	0.021	0.023	0.22	415	325	27	GOOD
14	12" X 12" X 1/2"	12.2	2310203927	44	63.14	0.14	0.33	0.020	0.018	0.23	420	320	28	GOOD

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GENERAL



15	14" X 14" X 1/4"	12.2	1310203926	12	10.24	0.16	0.37	0.018	0.020	0.20	425	319	29	GOOD
16	16" X 16" X 3/8"	12.2	2310202928	14	20.4	0.15	0.35	0.022	0.019	0.18	410	320	26	GOOD
17	16" X 16" X 1/2"	12.2	2310203937	44	84.9	0.16	0.33	0.019	0.022	0.23	415	324	29	GOOD
18	6" X 4" X 1/4"	12.2	4-B00137	48	14.25	0.16	0.36	0.018	0.020	0.18	425	323	27	GOOD
19	8" X 8" X 1/4"	12.2	144020182	124	59.82	0.15	0.34	0.017	0.021	0.19	420	325	28	GOOD
20	8" X 8" X 5/16"	12.2	143006736	24	14.39	0.14	0.36	0.022	0.023	0.22	425	319	27	GOOD
21	8" X 8" X 3/8"	12.2	145079361	128	91.49	0.16	0.37	0.020	0.018	0.21	415	322	26	GOOD
TOTAL				1436	903.32									

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN TESTED IN ACCORDANCE WITH ABOVE SPECIFICATIONS AND THE RESULTS OF ALL TESTS ARE ACCEPTABLE.

THE PRICE IS INDICATED ON THE INVOICE.

天津友圣发国际贸易有限公司  
SIGNED BY TIANJIN YUSHENGFATRADE CO.,LTD

李树环  
GENERAL MANAGER

易有限公司  
TRADE CO.,LTD  
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