

**SHANDONG YUDING COLD-FORMED SECTION CO., LTD.**  
 LONGTAN EAST ST. HI-TECH DEVELOPMENT ZONE, LAIWU CITY, SHANDONG 271100, CHINA

**QUALITY CERTIFICATES**

INVOICE NO.: 122051  
 CONTRACT NO.: 122051  
 APPLICANT:

TEST CERTIFICATE 122051  
 DATE: AUG. 1, 2012  
 L/C NO.: 5602159510

E-STEEL, INC.  
 19401 S. VERMONT AVE  
 SUITE I 106  
 TORRANCE, CA 90502

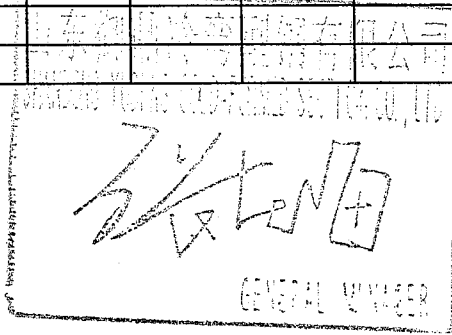
DESCRIPTION OF GOODS:

671.385 MT ERW SQUARE AND RECTANGULAR TUBING ASTM A500  
 GRADE B

SIZE(INCHES) X WALL THICKNESS(INCHES) X LENGTH(FEET)	HEAT NUMBER	BUNDLE COUNT	TOTAL PIECE COUNT	METRIC TON	CHEMICAL COMPOSITION (%)					MECHANICAL PROPERTIES		
					C	Mn	Si	P	S	YIELD (N/mm <sup>2</sup> )	TENSILE (N/mm <sup>2</sup> )	ELONG. (%)
3" x3" x0.25" x40'	H121-00125	13	208	33.248	0.17	0.60	0.12	0.014	0.011	420	525	28
4" x4" x0.313" x40'	H121-00310	7	63	16.952	0.17	0.65	0.17	0.017	0.004	385	505	27
4" x4" x0.375" x40'	H121-35107	15	135	42.302	0.17	0.65	0.20	0.020	0.008	405	525	27
6" x6" x0.5" x40'	H121-02781	17	68	43.491	0.18	0.65	0.18	0.021	0.011	415	518	27.5
10" x4" x0.25" x40'	H111-31601	13	78	31.772	0.17	0.62	0.17	0.020	0.010	415	534	27
10" x4" x0.375" x40'	H121-35107	1	4	2.365	0.17	0.65	0.20	0.020	0.008	405	525	27
10" x10" x0.375" x40'	H113-00298	17	34	29.549	0.17	0.61	0.15	0.018	0.006	397	520	26.5
12" x4" x0.375" x40'	H121-35107	8	32	21.883	0.17	0.65	0.20	0.020	0.008	405	525	27
12" x8" x0.25" x40'	H111-31601	26	52	30.786	0.17	0.62	0.17	0.020	0.010	415	534	27
12" x8" x0.313" x40'	H122-21060	10	20	14.642	0.17	0.65	0.17	0.017	0.004	385	505	27
12" x12" x0.25" x40'	H111-31601	23	46	32.909	0.17	0.62	0.17	0.020	0.010	415	534	27
12" x12" x0.313" x40'	H122-21060	6	12	10.638	0.17	0.65	0.17	0.017	0.004	385	505	27
12" x12" x0.375" x40'	H121-35107	5	10	10.542	0.17	0.65	0.20	0.020	0.008	405	525	27
12" x12" x0.5" x40'	H121-02781	35	70	96.614	0.18	0.65	0.18	0.021	0.011	415	518	27.5
14" x10" x0.313" x40'	H122-21060	7	14	12.411	0.17	0.65	0.17	0.017	0.004	385	505	27
14" x10" x0.5" x40'	H121-02781	2	4	5.521	0.18	0.65	0.18	0.021	0.011	415	518	27.5
14" x14" x0.313" x40'	H122-21060	21	21	21.855	0.17	0.65	0.17	0.017	0.004	385	505	27
14" x14" x0.5" x40'	H121-02781	20	20	32.543	0.18	0.65	0.18	0.021	0.011	415	518	27.5
16" x8" x0.375" x40'	H113-00298	1	2	2.108	0.17	0.61	0.15	0.018	0.006	397	520	26.5
16" x16" x0.375" x40'	H113-00298	46	46	65.534	0.17	0.61	0.15	0.018	0.006	397	520	26.5

SIZE(INCHES) X WALL THICKNESS(INCHES) X LENGTH(FEET)	HEAT NUMBER	BUNDLE COUNT	TOTAL PIECE COUNT	METRIC TON	CHEMICAL COMPOSITION (%)					MECHANICAL PROPERTIES		
					C	Mn	Si	P	S	YIELD (N/mm <sup>2</sup> )	TENSILE (N/mm <sup>2</sup> )	ELONG (%)
16" x16" x0.5" x40'	H121-02781	29	29	54.354	0.18	0.65	0.18	0.021	0.011	415	518	27.5
6" x3" x0.188" x40'	H120-21010	7	56	10.882	0.17	1.15	0.28	0.015	0.013	440	545	27
7" x3" x0.188" x40'	H120-21010	6	48	10.425	0.17	1.15	0.28	0.015	0.013	440	545	27
7" x3" x0.25" x40'	H111-31601	10	80	22.673	0.17	0.62	0.17	0.020	0.010	415	534	27
8" x3" x0.188" x40'	H120-21010	8	64	15.386	0.17	1.15	0.28	0.015	0.013	440	545	27
<b>TOTAL:</b>		353	1,216	671.385								

ORIGIN CHINA


  
 GENERAL MANAGER