

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

**MILL TEST CERTIFICATES**

INVOICE NO.: 122075  
 CONTRACT NO.: 122075  
 APPLICANT:

TEST CERTIFICATE 122075  
 DATE: OCT. 1, 2012


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

DESCRIPTION OF GOODS:

SQUARE AND RECTANGULAR TUBES, 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. (%)
10" x 10" x 0.5" x 40'	H122-05714	11	22	24.929	0.16	0.58	0.17	0.019	0.005	412	540	27.5
12" x 12" x 0.25" x 40'	H123-05638	113	226	161.688	0.17	0.60	0.14	0.016	0.008	401	536	27.5
12" x 12" x 0.313" x 40'	H122-05448	25	50	44.324	0.17	0.61	0.17	0.018	0.008	404	523	28
12" x 12" x 0.375" x 40'	H123-05285	64	128	134.935	0.17	0.59	0.17	0.021	0.006	393	520	27
12" x 12" x 0.5" x 40'	H122-05713	80	160	220.830	0.17	0.60	0.18	0.020	0.003	414	549	27
12" x 8" x 0.375" x 40'	H122-05452	21	42	36.502	0.17	0.60	0.18	0.017	0.004	406	523	27
12" x 8" x 0.5" x 40'	H122-05714	6	12	13.598	0.16	0.58	0.17	0.019	0.005	412	540	27.5
14" x 14" x 0.375" x 40'	H123-05285	36	36	44.620	0.17	0.59	0.17	0.021	0.006	393	520	27
14" x 14" x 0.5" x 40'	H122-05713	8	8	13.018	0.17	0.60	0.18	0.020	0.003	414	549	27
16" x 16" x 0.375" x 40'	H122-05452	9	9	12.822	0.16	0.59	0.15	0.017	0.004	404	519	27.5
16" x 16" x 0.5" x 40'	H122-05713	45	45	84.344	0.17	0.60	0.18	0.020	0.003	414	549	27
4" x 4" x 0.375" x 40'	H122-05452	62	558	174.850	0.17	0.60	0.18	0.017	0.004	406	523	27
8" x 8" x 0.5" x 40'	H122-05713	6	12	10.636	0.17	0.60	0.18	0.020	0.003	414	549	27
<b>TOTAL:</b>		<b>486</b>	<b>1,308</b>	<b>977.096</b>								

ORIGIN CHINA

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 GENERAL MANAGER