

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

**QUALITY CERTIFICATES**

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

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

E-STEEL, INC.  
 19401 S. VERMONT AVE  
 SUITE 1 106  
 TORRANCE, CA 90502

**DESCRIPTION OF GOODS:**

109.404 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. (%)
10" x10" x0.375" x40'	H113-85118	20	40	34.764	0.17	0.61	0.15	0.018	0.006	397	520	26.5
12" x6" x0.375" x40'	H121-35107	7	28	21.739	0.17	0.65	0.20	0.020	0.008	405	525	27
12" x12" x0.313" x40'	H122-21060	12	24	21.276	0.17	0.65	0.17	0.017	0.004	385	505	27
12" x12" x0.375" x40'	H121-35107	15	30	31.625	0.17	0.65	0.20	0.020	0.008	405	525	27
<b>TOTAL:</b>		<b>54</b>	<b>122</b>	<b>109.404</b>								

ORIGIN CHINA

