

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

PRODUCTION CERTIFICATES

INVOICE NO.: 122032
 CONTRACT NO.: 122032
 APPLICANT:
 DOSCO AMERICA INC
 19401 S. VERMONT AVE

TEST CERTIFICATE: 122032
 DATE: JUN 22, 2012
 L/C NO.:

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 ²)	TENSILE (N/mm ²)	ELONG (%)
10" x 10" x 0.250" x 40'	HI11-31601	27	108	63.940	0.17	1.14	0.15	0.014	0.007	398	523	28.5
10" x 10" x 0.375" x 40'	HI23-03578	17	34	29.550	0.17	0.65	0.20	0.020	0.009	413	550	27.5
10" x 10" x 0.313" x 40'	HI22-21060	11	44	32.213	0.17	0.62	0.18	0.020	0.005	390	520	27
12" x 12" x 0.500" x 40'	HI21-02781	23	46	63.489	0.17	1.15	0.18	0.019	0.01	395	512	28
12" x 12" x 0.250" x 40'	HI11-01102	24	48	34.340	0.17	0.61	0.15	0.02	0.008	405	540	27.5
12" x 12" x 0.375" x 40'	HI23-03578	18	36	37.950	0.18	0.58	0.16	0.018	0.008	408	540	27
12" x 12" x 0.313" x 40'	HI13-21610	18	36	31.914	0.17	0.60	0.14	0.020	0.005	383	524	26.5
TOTAL		138		293.396								

