

TEST CERTIFICATE

This is to certify that the nominated size and quality of the following SLR product has been inspected and tested with following results.



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Customer Sold To:
 HESNZ
 3 Heb Place
 Takanini, Auckland, New Zealand

Order:	4219
Invoice:	24778
Date:	20/05/2019
Certificate No:	1812011HESNZ

GOODS: GRADE S SHACKLES & FEDERAL SIZES ABOVE 35T
SURFACE: HDG BODY & YELLOW PIN

SIZE:	WLL	REQUIRED	ACTUAL	BATCH ID
	TON	BS (TON)	AVERAGE	
BOW TYPE	0.33	1.98	2.2	D115
	0.5	3	3.6	D117
	0.75	4.5	5.0	D116
	1	6	6.5	D115
	1.5	9	9.5	D115
	2	12	13.0	D117
	3.25	19.5	20.0	D117
	4.75	28.5	32.5	D118
	6.5	39	40	D117
	8.5	51	53	D115/6/8
	9.5	57	58	D115
	12	72	73	D115/6/7
	13.5	81	82	D115
	17	102	103	D116
	25	150	155	D112/4/6
BOW SAFETY	1	6	7.0	D117
	1.5	9	10.0	D116
	2	12	14.5	D117
	3.25	19.5	20.0	D115
	4.75	28.5	32.5	D118
	6.5	39	40	D117
	8.5	51	53	D118
	9.5	57	58	D115
	12	72	73	D116
	13.5	81	82	D115
	17	102	103	D116
	25	150	155	D116
	35	210	214	D115
	55	330	330	D118

CHEMICAL COMPOSITION BODY: Chinese #45

ELEMENTS	C	Si	Mn	S	P	Cr	Al
REQUIRED	0.42-0.50	0.17-0.37	0.50-0.80	<0.035	<0.035	<0.25	0.025
ACTUAL	0.45	0.25	0.65	0.02	0.02	0.17	0.025

CHEMICAL COMPOSITION PIN: Chinese #40Cr

ELEMENTS	C	Si	Mn	S	P	Cr	Al
REQUIRED	0.37-0.45	0.17-0.37	0.50-0.80	<0.03	<0.03	0.80-1.10	0.025
ACTUAL	0.4	0.25	0.65	0.02	0.02	1	0.025

We hereby certify the above test is true and correct. All shackles are tested as per AS2741.