

## 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:	4458
Invoice:	25068
Date:	25/09/2019
Certificate No:	190210HESNZ

**GOODS: GRADE S SHACKLES**  
**SURFACE: HDG BODY & YELLOW PIN**

SIZE:	WLL TON	REQUIRED BS (TON)	ACTUAL AVERAGE	BATCH ID
BOW TYPE	1	6	6.5	D117
	1.5	9	9.5	D114/7
	2	12	13.0	D117/8
	3.25	19.5	20.0	D115/6/7
	4.75	28.5	32.5	D118
	6.5	39	40	D118
	8.5	51	53	D118
DEE TYPE	9.5	57	58	D115
	12	72	73	D116
	0.75	4.5	5.7	D115/7
	1	6	8	D117
	3.25	19.5	23	D115/6/7

**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.



**Manufactured, Inspected and Tested for and on behalf of:**

42 Clements Avenue Bundoora Vic Aust  
Bundoora Victoria 3083 Australia

