



Certificate No:

QYJ150425HESNZ

BATCH NO.
D110

This is to certify that the nominated size and quality of the following product has been inspected and tested in accordance with the following test results & Chemical/Material Composition.

TEST/MATERIAL CERTIFICATE

Product Description:

Grade S Shackles & Federal Sizes above 35T
HDG Body & Yellow Pin

Customer Issued To:

HESNZ Ltd
56 Pavilion Drive
Airport Oaks Auckland 2022
New Zealand

Order Number:

2193

Batch Code	WLL (T)	BS (T)	Qty Tested	Average Test Results
Bow Type & Safety	1	6	32	8
	1.5	9	32	11
	2	12	32	15
	3.25	19.5	32	23
	4.75	28.5	32	33
	6.5	39	20	43
	8.5	51	20	53
	9.5	57	20	58
	13.5	81	13	83
	17	102	3	106
Federal Size	35	210	5	214
	55	330	2	330

CHEMICAL COMPOSITION

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

Chinese # 40Cr

ELEMENTS	C	Si	Mn	S	P	Cr	Ni
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

Authorised Signatory



Date:

20th June 2015

Manufactured and inspected for and on behalf of:

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