



Certificate No:

QYJ120312HESNZ

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

MATERIAL CERTIFICATE

Product Description:

BS464 Thimbles, Commercial Shackles,
Turnbuckles, and Wire Rope Grips

Customer Issued To:

HES NZ Ltd
56 Pavillion Drive
Airport Oaks Auckland 2022

Order Number:

65 & 66

ITEMS: THIMBLES BS464, COMMERCIAL SHACKLES/TURNBUCKLE, U BOLTS FOR GRIPS

CHEMICAL COMPOSITION Chinese Q235

ELEMENTS	C	Si	Mn	S
REQUIRED	0.14-0.20	0.17-0.30	0.30-0.65	<0.05
ACTUAL	0.18	0.25	0.55	0.03

ITEMS: CASTING GRIPS DIN741 BODY

CHEMICAL COMPOSITION Chinese KT32510

ELEMENTS	C	Si	Mn	S
REQUIRED	2.2-2.8	1-1.8	0.30-0.8	<0.02
ACTUAL	2.5	1.5	0.6	0.018

Authorised Signatory



Date:

10/6/2012

Manufactured and inspected for and on behalf of:

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