

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.



Customer Sold To:

HESNZ
3 Heb Place
Takanini, Auckland, New Zealand

Order:	3736
Invoice:	19052
Material:	G80
Date:	12/09/2017
Certificate No:	170502HESNZ

GOODS: G70 BA ALLOY WELD ON GRAB HOOKS

SIZE:	LC(TON)	MBS	AVERAGE TEST RESULTS(KGS)			
5/16"	3.80	7.6	8600			

CHEMICAL COMPOSITION: CHINESE 40Cr

ELEMENTS	C	Si	Mn	S	P	Cr	Ni	Mo	Cu
REQUIRED	0.37-0.44	0.17-0.37	0.50-0.80	<0.03	<0.03	0.80-1.00	<0.30	<0.10	<0.30
ACTUAL	0.4	0.25	0.65	0.02	0.02	0.9	0.25	0.08	0.2

GOODS: FORGED TURNBUCKLES-ITALIAN/FEDERAL/GRIPS
CHEMICAL COMPOSITION Chinese #45

ELEMENTS	C	Si	Mn	S	P	Cr	Ni
REQUIRED	0.42-0.50	0.17-0.37	0.50-0.80	<0.035	<0.035	<0.25	<0.25
ACTUAL	0.47	0.25	0.65	0.02	0.02	0.17	0.17

GOODS: U BOLTS FOR GRIPS/COMM SHACKLES
CHEMICAL COMPOSITION Chinese Q235

ELEMENTS	C	Si	Mn	S	P
REQUIRED	0.14-0.20	0.17-0.30	0.30-0.65	<0.05	<0.045
ACTUAL	0.18	0.25	0.55	0.03	0.025

GOODS: BODY CASTING GRIPS
CHEMICAL COMPOSITION Chinese KT32510

ELEMENTS	C	Si	Mn	S	P
REQUIRED	2.2-2.8	1-1.8	0.30-0.8	<0.02	<0.1
ACTUAL	2.5	1.5	0.6	0.018	0.08

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	1	6	8.2	D113
	1.5	9	10.8	D112/3
	4.75	28.5	32.5	D113
	6.5	39	42	D113
	9.5	57	58	D113
BOW SAFETY	25	150	155	D114
DEE TYPE	0.75	4.5	5.7	D115
	4.75	28.5	33	D112

TRAILER SHACKLE DEE TYPE

SIZE:	WLL	REQUIRED	ACTUAL	ORDER	BATCH ID
	TON	BS (TON)	AVERAGE	QUANTITY	
2.5T	2.5	7.5	8	5070	AMG06

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.

42 Clements Avenue Bundoora Vic Aust
 Bundoora Victoria 3083 Australia
 Phone + 61 3 94667840



Manufactured, Inspected and Tested for and on behalf of:

42 Clements Avenue Bundoora Vic Aust
Bundoora Victoria 3083 Australia

