

MILL TEST CERTIFICATE

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

Customer Sold To:

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HESNZ
3 Heb Place
Takanini, Auckland, New Zealand

Order:	46005
Invoice:	6017
Date:	9/03/2024
Certificate No:	231212

PRODUCT: COMMERCIAL SHACKLES
SPECIFICATION (MM): GB/Y700-2006 GN/T702-2017
STEEL GRADE: Q235B

HEAT NO.	SIZE GRADE		WLL	QTY	WEIGHT	CHEMICAL COMPOSITION(%)					MECHANICAL			COLD BENDING	IMPACT ENERGY
	(mm)	(m)	(t)		(t)	C	Si	Mn	P	S	ReH (N/mm ²)	Rm (N/mm ²)	A (%)		
1-00015	12 & 16	9	0.8	3	8.958	0.2	0.2	0.44	0.03	0.028	270	450	28	Qualified	66
2-02170	20	9	1.1	2	6.046	0.1	0.15	0.44	0.036	0.041	280	395	31	Qualified	59
1-00136	22	9	1.5	2	6.008	0.1	0.14	0.47	0.022	0.032	260	435	30	Qualified	51
1-00087	25	9	2.1	5	15.075	0.2	0.18	0.42	0.039	0.022	275	405	32	Qualified	46
TOTAL				12	36.087										
REMARKS	1.SURFACE QUALITY AND OVERALL DIMENSIONS MEET THE REQUIREMENTS;Cr,Ni,Cu CONTEN MEETS REGULATIONS. 2.THIS CERTIFICATE IS VALID WITH THE SPECIAL SEAL FOR QUALITY,INVALID IF ALTERED. 3.DELIVERY STATUS:HOT-ROLLING.														

Manufactured, Inspected and Tested for and on behalf of:

42 Clements Avenue Bundoora Vic Aust
Bundoora Victoria 3083 Australia