

MATERIAL 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:	Order:	68	Test Standard:	EN818.4
HES NZ Ltd 56 Pavilion Drive Airport Oaks Auckland 2022 <i>Batch : SLR 12-1</i>	Invoice:	10514	Certificate No:	SLR11079
	Material:	Grade 80	Works Ref. No:	12/963# - 3
	Date:	19/07/2012	Suppliers Ref #:	JIN120315HESNZ
	Brand	SLR	Colour:	Yellow

ITEM											QTY
SLR-487 WA-S MASTER LINK 87-8											4
SLR-487 WA-S MASTER LINK 108-8											10
SLR-487 WA-S MASTER LINK 1310-8											10
SLR-488 WA-S MASTER LINK ASSEMBLY 7-8											10
SLR-488 WA-S MASTER LINK ASSEMBLY 8-8											10
STEEL CODE		20Mn2									
ELEMENT (%)	C	Si	Mn	Cr	Ni	Mo	S	P	Al	Ti	
	0.19	0.25	1.67	/	/	/	0.019	0.020	/	/	

ITEM		QTY								
SLR-487 WA-S MASTER LINK 1613-8		10								
SLR-487 WA-S MASTER LINK 2016-8		8								
SLR-487 WA-S MASTER LINK 2220-8		2								
SLR-488 WA-S MASTER LINK ASSEMBLY 10-8		10								
SLR-488 WA-S MASTER LINK ASSEMBLY 13-8		8								
SLR-488 WA-S MASTER LINK ASSEMBLY 16-8		2								
STEEL CODE		20CrMnTi								
ELEMENT (%)	C	Si	Mn	Cr	Ni	Mo	S	P	Al	Ti
	0.20	0.29	0.95	1.07	/	/	0.015	0.018	/	0.076

ITEM		QTY								
SLR-12 CLEVIS SLING HOOK WITH LATCH 6-8		50								
SLR-12 CLEVIS SLING HOOK WITH LATCH 7/8-8		30								
SLR-12 CLEVIS SLING HOOK WITH LATCH 10-8		20								
SLR-12 CLEVIS SLING HOOK WITH LATCH 13-8		10								
SLR-78 CLEVIS SELF-LOCKING HOOK WITH GRIP 7/8-8		30								
SLR-78 CLEVIS SELF-LOCKING HOOK WITH GRIP 10-8		20								
SLR-78 CLEVIS SELF-LOCKING HOOK WITH GRIP 13-8		10								
SLR-270 CLEVIS REEVING LINK 7/8-8		35								
SLR-270 CLEVIS REEVING LINK 10-8		20								
SLR-270 CLEVIS REEVING LINK 13-8		10								
SLR-86 CLEVIS SHJORTENING GRAB HOOK 6-8		50								
SLR-86 CLEVIS SHJORTENING GRAB HOOK 7/8-8		70								
SLR-86 CLEVIS SHJORTENING GRAB HOOK 10-8		30								
STEEL CODE		35CrMo								
ELEMENT (%)	C	Si	Mn	Cr	Ni	Mo	S	P	Al	Ti
	0.34	0.26	0.57	0.91		0.21	0.013	0.017		

ITEM		QTY								
SLR-86 CLEVIS SHJORTENING GRAB HOOK 13-8		15								
SLR-40 SWIVEL HOOK WITH LATCH 7/8-8		20								
SLR-40 SWIVEL HOOK WITH LATCH 10-8		15								
SLR-40 SWIVEL HOOK WITH LATCH 13-8		10								
SLR-40 SWIVEL HOOK WITH LATCH 16-8		3								
SLR-106 WELDED HOOK LIGHT TYPE 2T		10								
SLR-106 WELDED HOOK LIGHT TYPE 3.2T		10								
SLR-106 WELDED HOOK LIGHT TYPE 5.3T		10								
SLR-106 WELDED HOOK LIGHT TYPE 8T		4								
SLR-106 WELDED HOOK LIGHT TYPE 12.5T		2								
SLR-344 FORGED D RING WITH SPRING 1T		50								
SLR-344 FORGED D RING WITH SPRING 2T		100								
SLR-344 FORGED D RING WITH SPRING 3T		100								
SLR-344 FORGED D RING WITH SPRING 5T		30								
STEEL CODE		35CrMo								
ELEMENT (%)	C	Si	Mn	Cr	Ni	Mo	S	P	Al	Ti
	0.33	0.25	0.59	0.87		0.19	0.015	0.017		

ITEM		QTY								
SLR-74 EUROPEAN TYPE CONNECTING LINK 6-8		50								
SLR-74 EUROPEAN TYPE CONNECTING LINK 7/8-8		100								
SLR-74 EUROPEAN TYPE CONNECTING LINK 10-8		100								
SLR-74 EUROPEAN TYPE CONNECTING LINK 13-8		50								
SLR-74 EUROPEAN TYPE CONNECTING LINK 16-8		10								
STEEL CODE		20CrNiMo								
ELEMENT (%)	C	Si	Mn	Cr	Ni	Mo	S	P	Al	Ti
	0.20	0.29	0.72	0.55	0.51	0.25	0.011	0.014	0.026	

ITEM		QTY								
SLR-1007 EUROPEAN TYPE SWIVEL SELF-LOCKING HOOK 8-10		12								
SLR-1007 EUROPEAN TYPE SWIVEL SELF-LOCKING HOOK 10-10		5								
SLR-1007 EUROPEAN TYPE SWIVEL SELF-LOCKING HOOK 13-10		3								
STEEL CODE		23MnNiMoCr54								
ELEMENT (%)	C	Si	Mn	Cr	Ni	Mo	S	P	Al	Ti
	0.22	0.20	1.14	0.46	0.93	0.55	0.012	0.008	0.029	

Overall Test Conclusion:
<i>Qualified</i>
Date: 19/7/2012

Manufactured, Inspected and Tested for and on behalf of:



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