

# CERTIFICATE OF TEST

**Issued by :** TUV NEL Ltd  
Mechanical Testing

**Certificate No. :** MSLQ -1

**Date of Issue :** 7 June 2005



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**Project No.** PPE500000 **NEL Test Mark:** MSLQ-01-05

**Specimen Received Date** 12 May 2005 **Date of Test:** 17 May 2005

**Specimen Description:** 5 off 2.5mm dia 7x7 steel galvanised wire c/w 2 off KL-100 cable locks for each wire sample.

**Object of Test** The object of the test was to provide a SWL with 5:1 Factor of Safety for a 2.5mm dia 7x7 steel galvanised wire.

**Method of Test** 5 samples of 2.5 mm dia wire were tested. The wire samples were looped at each end using a KL100 cable lock. A load 500 kg was applied to each sample using an Instron screw driven two space universal testing machine. At the customers request each sample was loaded to destruction.

**Results**

Sample (2.5 mm wire)	500 kg load	Destruction (kg)
MSLQ-01	Pass	551.5 kg
MSLQ-02	Pass	557.6 kg
MSLQ-03	Pass	534 kg
MSLQ-04	Pass	538 kg
MSLQ-05	Pass	565 kg

SWL (2.5 mm wire) = 100 kg / 5:1 FOS = 500 kg

**Comments** The 2.5mm dia wire samples achieved load to destruction in excess of a 5:1 Factor of Safety when tested at NEL.

**Tested by**.....