

CERTIFICATE OF TEST

Issued by : TUV NEL Ltd
Mechanical Testing

Certificate No. : MSXR

Date of Issue : 30 June 2005



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Customer Zip-Clip Ltd, 33 Vastre Industrial Estate, Newton Powys SY16 1DZ

Project No. PPE600000 **NEL Test Mark:** MSXR-01-05

Specimen Received Date 12 May 2006 **Date of Test:** 23 May 2006

Specimen Description: 5 off 2.5mm dia 7x7 steel galvanised wire c/w 2 off KL-150 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 3.0mm dia 7x7 steel galvanised wire looped at each end and thread through KL-150 cable locks (See Product Identification). At the customers request each sample was loaded to destruction using a 200 kN capacity hydraulic test machine.

Method of Test 5 samples of 3.0 mm dia wire were tested. The wire samples were looped at each end using KL150 cable locks.

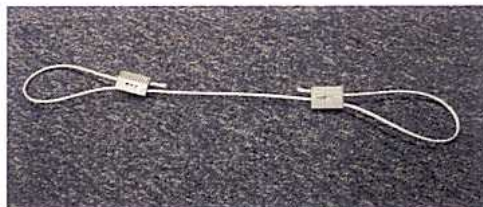
Results

Sample (3.0 mm wire)	Destruction (kg)
MSXR-01	666 kg
MSXR-02	657 kg
MSXR-03	679 kg
MSXR-04	665 kg
MSXR-05	643 kg

SWL (3.0 mm wire) = 120 kg / 5:1 FOS = 600 kg

Comments The 3.0mm dia wire samples achieved load to destruction in excess of a 5:1 Factor of Safety when tested at NEL.

Product Identification



3.0 mm wire c/w KL-150 Cable Locks

Distribution

Zip-Clip Ltd	1 Copy
NEL	1 Copy

Tested by.....*Callaghan*.....