

CERTIFICATE OF TEST

Issued by : TUV NEL Ltd
Mechanical Testing

Certificate No. : MSYS-TE
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TUV NEL Ltd,
East Kilbride,
Glasgow, G75 0QU, UK.
Tel No. 01355 220222.
Fax No. 01355 272791

Authorised Signatories:

D Hare, L Hunter, R Hone, D. Rooney

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

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

Specimen Received Date 30 June 2006 **Date of Test:** 4 July 2006

Specimen Description: 5 off 2.0mm dia 7x7 steel galvanised wire c/w 1 off KL-100 cable lock and terminated by 1 off Toggle end for each wire sample (see product Identification).

Object of Test The object of the test was to provide a SWL with 5:1 Factor of Safety for a 2.0mm dia Toggle End 7x7 steel galvanised wire suspension system using a 5 kN capacity static test machine.

Method of Test 5 samples of 2.0 mm dia wire were tested. The wire samples were thread through a 19mm dia x 28 mm long HTS bar drilled through the centre with a 2.5 mm hole and fixed to the base of the test machine, the loading end was looped using a KL100 cable lock.

Results

Sample (3.0 mm wire)	Destruction (kg)
MSYS-01	223 kg
MSYS-02	268 kg
MSYS-03	219 kg
MSYS-04	254 kg
MSYS-05	185 kg

SWL (2.0 mm wire) = 35 kg / 5:1 FOS = 175 kg

Comments The 2.0mm dia wire samples achieved load to destruction in excess of a 5:1 Factor of Safety when tested at NEL.

Product Identification



2.0 mm wire c/w KL-100 Cable Lock terminated by Toggle End Suspension System

Distribution

Zip-Clip Ltd	1 Copy
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