

CERTIFICATE OF TEST

Issued by : TUV NEL Ltd
Mechanical Testing

Certificate No. : MSZT-2.0 mm

Date of Issue : 25 August 2006



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: MSZT-2.0 mm

Specimen Received Date

25 August 2006

Date of Test: 25 August 2006

Specimen Description:

5 off 2.0mm dia 7x7 steel galvanised wire TD suspension system c/w 1 off KL-100 cable lock and terminated by 1 off swaged eyelet 12 mm o/d x 5.5 mm i/d x 3.5 mm swaged over 20 mm long (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 TD 2.0 mm dia 7x7 steel galvanised wire suspension system. At the customers request each sample was loaded to destruction using a 200 kN capacity hydraulic test machine.

Method of Test

5 samples of 2.0 mm dia wire were tested. The wire samples were fed through the eyelet round a 50 mm steel bar fixed to the base of the test machine, the loading end was looped using a KL100 cable lock round a 2.25 kN x 10 mm dia karabiner.

Results

Sample (2.0 mm wire)

MSZT-01
MSZT-02
MSZT-03
MSZT-04
MSZT-05

Destruction (kg)

267 kg
278 kg
306 kg
293 kg
309 kg

SWL (2.0 mm wire) = 50 kg / 5:1 FOS = 250 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 Swaged Eyelet Suspension System

Distribution

Zip-Clip Ltd	1 Copy
NEL	1 Copy

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