

MECHANICAL TESTING REPORT

REPORT NO: VFN05-2217

DATE: 22 April 2005

CLIENT: Hearthill Pty Ltd
19 Stephens Street
Burwood Victoria 3125

ORDER: Verbal Instructions: G.Herzberg

SUBJECT:

Compressive load testing of one Insulator Roller Guide assembly, as requested by Mr Gary Herzberg.

DESCRIPTION:

The insulator roller guide assembly, complete with insulator and insulator pin, was clamped to an anchor block using the insulator pin nut then placed onto the compression platen of a Tinius Olsen universal testing machine.

A high tensile steel pin and link plate were fitted to the load mechanism of the testing machine, simulating the presence of a taught cable, and an axial compressive force applied at mid length of both load support rollers.

The force was applied in 50kg increments, maintaining each for one minute then visually examining the assembly.

A series of photographs taken under a force of 250kg showed little deformation had occurred. *See Attachment*

As the force was increased however the links connecting the roller guide brackets distorted significantly, as shown in the remaining photographs, and it was not possible to increase the force beyond 350kg.

Note: Please note that following completion of testing ETRS Pty Ltd will retain test samples for a period of 30 days, or the period required by the Authorities governing then testing, unless prior written alternative arrangements are made with ETRS.

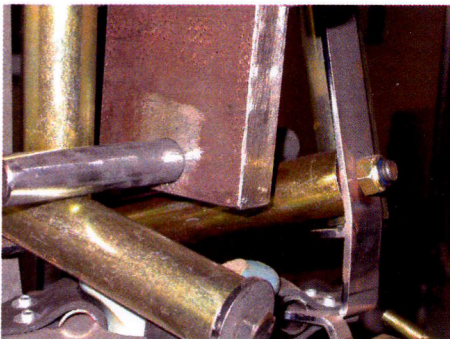
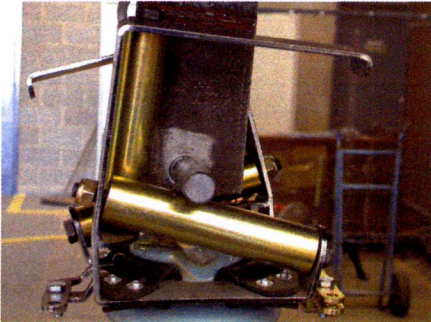
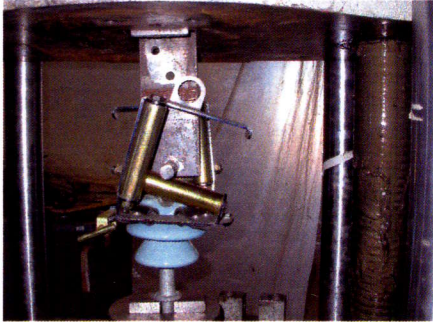


R.Goold
Mechanical Testing Officer

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Attachment to Report No. VFN05-2217

Applied Force of 250kg



Applied Force of 350kg

