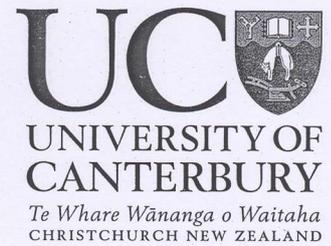


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## Test Report

**Date of Test:** 25<sup>th</sup> January 2005

**Client:** *Kilwell Fibretube Limited*

**Product:** Epoxy impregnated Fibre Glass "Operating Pole Sets" Coloured Red

**Objective:** *To High Voltage test the individual poles of each set at an applied voltage of 20kV per 300mm.*

**Relevant Standard:-** BS EN 61235:1995 – Section 12  
Live Working – Insulated hollow tubes for electrical purposes

**Results:** 4 sets of poles with nominal outside diameters of 32.5, 37.5, 42.5 and 47.5mm and a nominal length of 1.25m were tested.

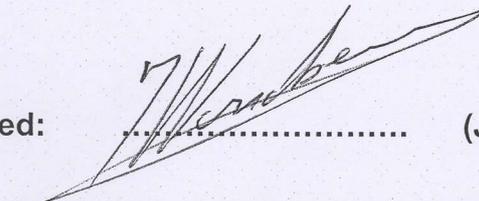
The poles were arranged in the testing rig as per the requirements of figure D1 of the standard – see attached image.

A sinusoidal AC test voltage was applied.

Results are as per the following table

Applied Voltage (kV)	Duration of Test Voltage	Observations
20	1 minute	<ol style="list-style-type: none"><li>1. No flashover, sparkover or puncture occurred during the time of the applied voltage</li><li>2. There was no visual sign of tracking or erosion on the surface</li><li>3. There was no perceptible temperature rise</li></ol>

Refer Page 2 for a Photo of the Test Setup

Signed:  (Jac Woudberg)

Date: 3.1.2005

Senior Technical Engineer (HV Laboratory)  
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