

**Client** : Switchboard Manufacturers Group, PO Box 14719, **Wadeville**, 1422  
**Manufacturer** : Switchboard Manufacturers, (Natal) (Pty) Ltd, PO Box 40086, **Redhill**, 4071  
**Apparatus** : Low-Voltage Assembly  
**Designation** : Floor standing assembly Type SM 25

**Ratings assigned by the manufacturer:**

$U_e$ : 400 V       $I_e$  : 1 000 A      Rated frequency: 50 Hz  
 $U_i$ : 690 V       $I_{cw}$  : 25 kA-1s

Other characteristics listed on page 3 clauses 1.5.1 and 1.5.2

The apparatus constructed in accordance with the description, drawings and photographs incorporated in the test report has been subjected to a series of proving tests in accordance with SABS IEC 60439:1999 Low-voltage switchgear and control gear assemblies.

The busbar supports were tested to IEC 60695-2-10: 2000-10 Glowing/hot-wire based test methods- Glow-wire apparatus and common test procedure subclause 8 Glow-wire test at 950 °C only

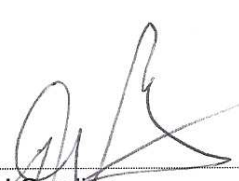
**Date of test(s):** May 2003

The results are shown in the record of Proving Tests and oscillograms attached hereto. The values obtained and the general performances are considered to comply with the above Standard(s) and justify the ratings assigned by the manufacturer as listed.

The test report applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer.

**The apparatus has complied with the relevant requirements of the specification.****This report consists of:**

Report forms : Pages 1-11  
Photograph(s) : Pages 12-37  
Information sheet(s):  
Diagram(s) :  
Drawing(s) : See page 2  
Oscillogram(s) : TK0704, TK0803 and  
UE2901 To UE2905

  
AJ Greyling  
Manager  
High Current Laboratory: **NETFA**

  
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Project Engineer: **NETFA**

Olifantsfontein, 12 June 2003



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This test was performed by Testing and Conformity Services (Pty) Ltd, an affiliate of the SABS. This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of the official test reports.)