



CPRI

**CAPACITORS LABORATORY
DIAGNOSTIC, CABLES & CAPACITORS DIVISION
CENTRAL POWER RESEARCH INSTITUTE**

P.B.NO.8066, SADASHIVANAGAR SUB P.O
PROF.SIR.C.V.RAMAN ROAD,BANGALORE - 560 080, INDIA
Phone: + 91 (0) 80-2360 4435 Fax: 080 - 23601213




NABL Accredited
Laboratory
Cert.No.T- 0010

Sheet 1 of 11

TEST REPORT

Test Report Number : DCCD - 9510 Dated: 28.12.2006
Name & Address of the Customer : M/s.Electrical Components Sdn.Bhd.,
11,Jalan SS 13/3A,
Subang Jaya Industrial Estate,
47500 Selangor, Malaysia
Reference : No. E Mail dated 03.02.2006

Name & Address of the Manufacturer : M/s. Electrical Components Sdn.Bhd.,
11,Jalan SS 13/3A,Subang Jaya Industrial Estate,
47500 Selangor, Malaysia

Particulars of sample tested : L.V Capacitor
Condition of sample on Receipt : Good
Type : ELCO3P52-Series
Designation : L.V Capacitor (Indoor Type)
Description/Name Plate details : Output: 100 kvar, Voltage: 525 V
Temp. Category: -40°C / D Connection:Δ
Discharge device:  E No. of Phase:3
Model: RTG 2124 FN : 50Hz
Brand Name : ELCO Ui : 3/- kV

Serial Number : E100A0031
Number of samples tested : One
Date(s) of Test(s) : 30.08.2006 to 19.12.2006
CPRI sample code No(s). : DCCDCAPL06S0023
Particulars of test conducted : The following Type tests were conducted:
1) Thermal stability test
2) Measurement capacitor loss angle at elevated temperature
3) Voltage test between terminals
4) Voltage test between terminals and container
5) Discharge test
6) Self-healing test
7) Ageing test
8) Destruction test

Test in accordance with Standard/specification : IEC 60831 Part 1 & 2, Edition 2.1, 2002-11
Sampling Plan : Not applicable

Customer's requirement : Measurement of capacitance and tan delta to be made at prevailing ambient temperature.

Deviations if any : Nil


(S.NEELAKANTAN)
Test Engineer


(A.SUDHINDRA)
Joint Director

AUTHORISED SIGNATORIES



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Test Report No. DCCD-9510

Date: 28.12.2006

TEST REPORT

Name of the witnessing persons

Customer's representatives : Mr. CHRISTOPHER WONG

Other than customer's representatives : None

Test subcontracted with address of the laboratory : None

Document consisting this report (in words)

Number of Sheets : Eleven

Number of oscillogram/s : Nil

Number of graphs : Nil

Number of photos : Nil

Number of test circuit diagrams : Nil

Number of drawings : Nil

Annexure : Annexure-1


(S. NEELAKANTAN)
Test Engineer


(A. SUDHINDRA)
Joint Director

AUTHORISED SIGNATORIES

RDCCD951001022007