


ELECTRICAL LABORATORY- TEST REPORT

Test Report N°	ITC/TEST/1508/03-A
Date of issue	09-09-2015
Sample Date In	21-08-2015
Date of Performance	24-08-2015 To 08-09-2015
Applicant	Mr. Gaurav Chopra
Customer	M/s, Devintec Electrical Technologies Pvt. Ltd. G.T. road Pragpur, Jalandhar, Punjab 144010
Sample description	12 Watt LED bulb
Sample Condition	OK
Customer reference	N/A
Trade mark / Manufacturer	
Model / Type / Reference	N/A
Ratings	AC 85-265, 50Hz, 12W
Test method(s)	Following test has been conducted as per client specification: Surge Test at 2KV as per IEC 61000-4-5:2014

Overall verdict

Pass



Fail



Page 1 of 04

REMARKS: This report is governed by, and incorporates by reference, the Condition of testing as posted at its date of issuance and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. **This report sets forth solely our findings with respect to the test samples identified herein.** It includes all of the test requested by you and the results thereof based upon the information that you provided us with. You have 10 calendar days from the date of issuance of this report to notify us of any material error or omission; provided, however, that such notice shall be written and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents. Tests are destructive and non reversible, the submitted samples will not return to their original conditions. The client acknowledges that any remaining part of the sample will be discarded if not retrieved in a period of 30 calendar days from the date of issuance of this report

INSTITUTE OF TESTING AND CERTIFICATION (INDIA) PVT. LTD..

Possible test case verdicts:

- Test case does not apply to the test object..... N/A
- Test object meets the requirement..... P (Pass)
- Test object does not meet the requirement..... F (Fail)

General remarks:

- " See enclosure ## " refers to additional information related to this report in the annexes section
- " See table ## " refers to a table appended to this report in the annexes section
- " See figure ## " refers to an image, picture or drawing appended to this report in the annexes section
- Throughout this report, a comma is used as decimal separator

General product information:

12 Watt LED bulb

Pictures of Specimen received:



Testing Engineer
Manpreet Singh

Technical Manager
Naveen Chopra

Manpreet Singh

Naveen Chopra

INSTITUTE OF TESTING AND CERTIFICATION (INDIA) PVT. LTD.

Equipment Used

Equipment Name	Make	Model No.
Multifunction Generator Systems	TESEQ	NSG 3040

List of Immunity Test

Test Name	Standard
Surge Immunity Test	IEC 61000-4-5

Summary of Result

Test	Result
Surge Immunity Test	Complied Criterion A

Performance Criteria for Immunity Tests

Performance criterion A

During testing, normal performance within the specification limits.

Performance criterion B

During testing, temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the equipment under test recovers its normal performance, without operator intervention.

Performance criterion C

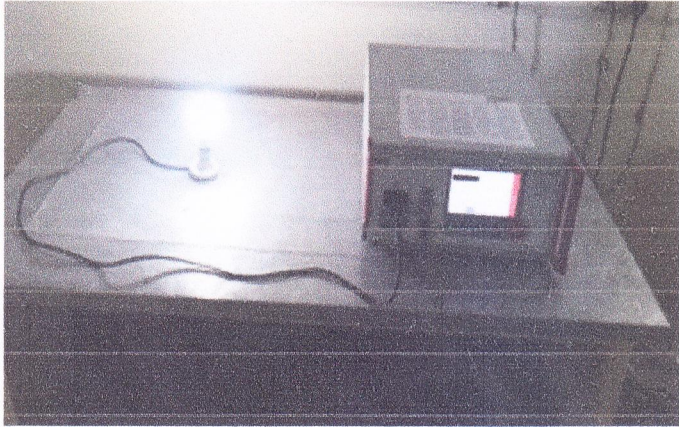
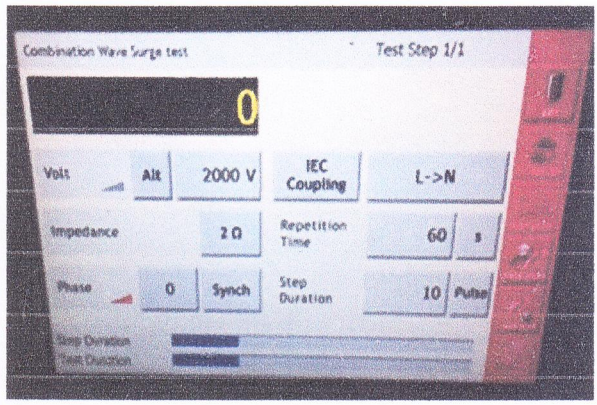
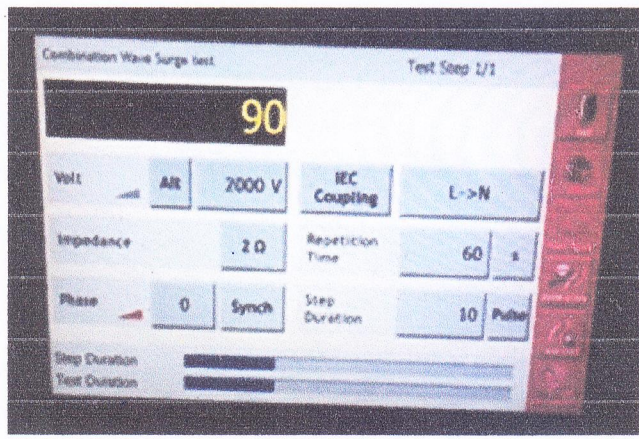
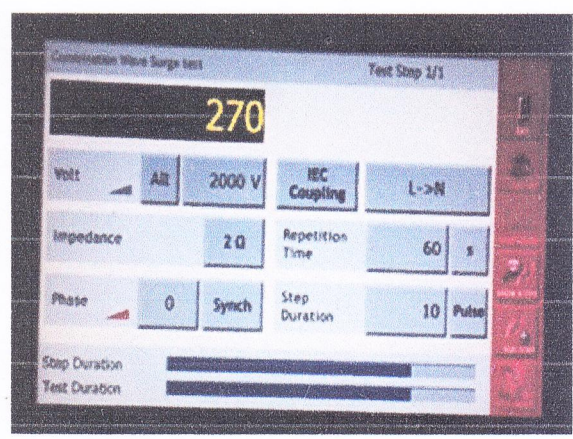
During testing, temporary loss of function or degradation of performance, the correction of which requires operator intervention.

Performance criterion D

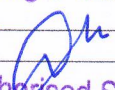
During testing, loss of function or degradation of performance which is not recoverable owing to damage to hardware or software, or loss of data.

Institute of Testing & Certification
(India) Pvt. Ltd.

INSTITUTE OF TESTING AND CERTIFICATION (INDIA) PVT. LTD.

Sr.no	Requirement - Test	Results - Remarks	Verdict
1.	Surge Immunity Test		
	Test Level: ± 2 kV lines(s) to lines(s) No. of Surges: 5 positive and 5 negative	Equipment meets the compliance criteria A after the surge test	P
			
		± 2 kV lines(s) to lines(s)	
			
		± 2 kV line(s) to lines(s)	

Institute of Testing & Certification
(India) Pvt. Ltd.


 Authorised Signatory