



Ref. Certif. No.

JPTUV-059031-A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product
Produit

Projector

Name and address of the applicant
Nom et adresse du demandeur

NEC Display Solutions, Ltd.
686-1 Nishioi, Oi-machi
Ashigarakami-gun, Kanagawa, 258-8533 JAPAN

Name and address of the manufacturer
Nom et adresse du fabricant

NEC Display Solutions, Ltd.
686-1 Nishioi, Oi-machi
Ashigarakami-gun, Kanagawa, 258-8533 JAPAN

Name and address of the factory
Nom et adresse de l'usine

SUZHOU SHIN-EI SANGYO CO., LTD.
No. 158-106, 108,
Huashan Road, New District Suzhou, Jiangsu, China 215011, P.R. China

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

AC 100-240V; 50/60Hz; 1) 3.5-1.5A; 2) 3.9-1.7A; 3) 3.8-1.6A
AC 200-240V; 50/60Hz; 4) 1.7A; 5) 1.9A
Class I

Trademark (if any)
Marque de fabrique (si elle existe)

NEC

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

N/A

Model / Type Ref.
Ref. de type

1) NP-UM301X, NP-UM301W, 2) NP-UM352W
3) NP-UM361X, NP-UM361XiK, NP-UM351W, NP-UM351WiK
4) NP-UM301X+, NP-UM301W+
5) NP-UM361X+, NP-UM351W+, NP-UM352W+

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

For model differences, refer to the test report.
Re-issue of JPTUV-059031 dated 26.09.2014,
due to non-technical change.

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

IEC 60950-1:2005+A1
National differences see test report

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

11038456 002

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

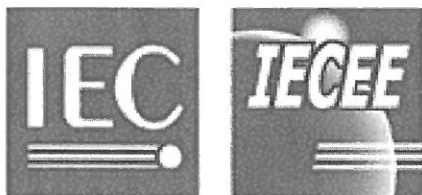


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Dipl.-Ing. F. Stöckelzel

Date: 01.10.2014

Signature:



Test Report issued under the responsibility of:



TEST REPORT IEC 60950-1 Information technology equipment – Safety – Part 1: General requirements	
Report Number	11038456 002
Date of issue	September 30, 2014
Total number of pages	6
CB Testing Laboratory	TÜV Rheinland Taiwan Ltd., Taichung Laboratory
Address	No. 9, Ln. 36, Sec. 3, Minsheng Rd., Daya District, Taichung City 428, Taiwan
Applicant's name	NEC Display Solutions, Ltd.
Address	686-1 Nishioji, Oi-machi Ashigarakami-gun, Kanagawa, 258-8533 JAPAN
Manufacturer's name	Same as applicant
Address	Same as applicant
Test specification:	
Standard	IEC 60950-1:2005 (Second Edition) + Am 1:2009
Test procedure	CB Scheme
Non-standard test method	N/A
Test Report Form No.	IEC60950_1C
Test Report Form(s) Originator	SGS Fimko Ltd
Master TRF	Dated 2012-08
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Test item description	Projector
Trade Mark	NEC
Manufacturer	See manufacturer above.
Model/Type reference	Refer to pages 6 and 7 of report no. 11038456 001.
Ratings	Refer to pages 6 and 7 of report no. 11038456 001.

Testing procedure and testing location:		
☒	CB Testing Laboratory:	TÜV Rheinland Taiwan Ltd., Taichung Laboratory
Testing location/ address.....:		No. 9, Ln. 36, Sec. 3, Minsheng Rd., Daya District, Taichung City 428, Taiwan.
☐	Associated CB Laboratory:	
Testing location/ address.....:		
Tested by (name + signature).....:		Nai-Shuan Tin
Approved by (name + signature).....:		Jacky Chen
☐	Testing procedure: TMP	
Testing location/ address.....:		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
☐	Testing procedure: WMT	
Testing location/ address.....:		
Tested by (name + signature).....:		
Witnessed by (name + signature).....:		
Approved by (name + signature).....:		
☐	Testing procedure: SMT	
Testing location/ address.....:		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
Supervised by (name + signature).....:		
☐	Testing procedure: RMT	
Testing location/ address.....:		
Tested by (name + signature).....:		
Approved by (name + signature).....:		
Supervised by (name + signature).....:		

List of Attachments (including a total number of pages in each attachment):

- Photo documentation

Total number of pages in each attachment is indicated in each individual attachment.

Summary of testing:**Tests performed (name of test and test clause):**

- No tests necessary.
- No test samples required.

Testing location:

No tests necessary.

Summary of compliance with National Differences**List of countries addressed:**

EU Group Differences, EU Special National Conditions, CA, CN*, DE, FI, IL, KR, US.

Explanation of used codes: CA = Canada, CN = China, DE = Germany, FI = Finland, IL = Israel, KR = Republic of Korea, US = United States.

* National difference to IEC 60950-1:2005 evaluated.

☒ The product fulfils the requirements of EN 60950-1:2006/A11:2009/A1:2010/A12:2011

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

(Additional requirements for markings. See 1.7 NOTE)

N/A

Test item particulars:	
Equipment mobility.....:	☒ movable ☐ hand-held ☐ transportable ☒ stationary ☐ for building-in ☐ direct plug-in
Connection to the mains	☒ pluggable equipment ☒ type A ☐ type B ☐ permanent connection ☒ detachable power supply cord ☐ non-detachable power supply cord ☐ not directly connected to the mains
Operating condition.....:	☒ continuous ☐ rated operating / resting time:
Access location	☒ operator accessible ☐ restricted access location
Over voltage category (OVC)	☐ OVC I ☒ OVC II ☐ OVC III ☐ OVC IV ☐ other:
Mains supply tolerance (%) or absolute mains supply values	+10 and -10
Tested for IT power systems	☒ Yes ☐ No
IT testing, phase-phase voltage (V)	230 V
Class of equipment	☒ Class I ☐ Class II ☐ Class III ☐ Not classified
Considered current rating of protective device as part of the building installation (A)	20
Pollution degree (PD)	☐ PD 1 ☒ PD 2 ☐ PD 3
IP protection class	IPX0
Altitude during operation (m)	Up to 5000
Altitude of test laboratory (m)	Less than 2000
Mass of equipment (kg)	Approx. 6.0
Possible test case verdicts:	
- test case does not apply to the test object	N/A (or N)
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement.....	F (Fail)
Testing:	
Date of receipt of test item	N/A
Date(s) of performance of tests	N/A
General remarks:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a ☐ comma / ☒ point is used as the decimal separator.	

Manufacturer's Declaration per sub-clause 6.2.5 of IEC60950-1:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:

- ☐ Yes
☒ Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) : Refer to report no. 11038456 001.

General product information:

Refer to report no. 11038456 001.

Description of change(s):

1. Correction the model name of Lamp Assembly on photo documentations.

For the above described change(s) the following was considered to be necessary:

Change	Testing	Comments
1.	• N/A	Correction the typo, therefore see photo documentations for details.

History of amendments and modifications:

Ref. No. 11038456 001, dated September 25, 2014 (original test report)

Ref. No. 11038456 002, dated September 30, 2014 (amendment)

Abbreviations used in the report:

- normal conditions	N.C.	- single fault conditions	S.F.C
- functional insulation	OP	- basic insulation	BI
- double insulation	DI	- supplementary insulation	SI
- between parts of opposite polarity	BOP	- reinforced insulation	RI

Indicate used abbreviations (if any)