

# SUPPLIER DECLARATION OF CONFORMITY (SDOC)

In accordance with ISO/IEC 17050-1:2004

SDoC identification Number<sup>1</sup>:

Forman-13-002

## Issuer details

Name<sup>2</sup> (of New Zealand manufacturer or importer):

Forman Building Systems Limited

Contact Address:

20 Vestey Drive, Mt Wellington  
Auckland 1060 New Zealand

Telephone:

+64 9 270 1915

New Zealand Company No. (if applicable):

71699

Email Address: [ryan.jarmey@forman.co.nz](mailto:ryan.jarmey@forman.co.nz)

## Medium Risk Article - Details<sup>3</sup> (Product name, type, rating, brand, model, batch numbers, and serial numbers, as applicable):

Recessed Luminaire, Forman

Models: TD16-5X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>  
TD26-10X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>  
TD20-12X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>  
TD20-7X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>  
TD32-15X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>  
TD36-15X<sub>1</sub>X<sub>2</sub>X<sub>3</sub>X<sub>4</sub>

(Please refer to page 3 herein for the rating.)

## The Medium Risk Article listed above, fully complies:

With cited standard(s), as listed<sup>4</sup>:

Standard number and issue year:

IEC 60598-1:2008

Standard number and issue year:

IEC 60598-2-2:1996

Edition / Amendment status:

Ed 7.0

Edition / Amendment status:

Ed 2.1

Standard title:

Luminaires - Part 1: General requirements and tests

Standard title:  
Luminaires - Particular requirements - Recessed luminaires

AS/NZS ZZ modified

Yes

No

N/A

AS/NZS ZZ modified

Yes

No

N/A

OR Complies with the Conformity Cooperation Agreement<sup>5</sup>

Yes

No

## Names and addresses of any testing organisation or body

Name(s):

Spectrum Laboratories

Address(es):

1/25 Highbrook Drive, East Tamaki, Auckland 1730

Name(s):

Acts Certification and Testing  
Services Co., Ltd.

Address(es):

1<sup>st</sup> Floor, No. 20, Lane 61, Tianshiang Road, Taipei, Taiwan

## Reference to relevant test reports/certification and the issue date that show how compliance is achieved

Standard(s) or document(s) used, to show how compliance with cited standard is achieved:

Test Report (IEC 60598-1:2008 Ed 7.0 + ZZ of AS/NZS 60598-1:2003 & IEC 60598-2-2:1996 Ed 2.1 + AS/NZS 60598-2.2:2001 inc. Amdt. A)

Test Report (AS/NZS 60598-2.2:2001 inc. Amdt. A)

Test Report (EN 60598-1:2008 + A11:2009 & EN 60598-2-2:1996 + A1:1997)

Report Certification or Document reference N<sup>6</sup>(s):

5793

5636

ACT202480-1

Issue date(s):

10/5/2013

20/8/2012

15/2/2012

Reference to any management quality system involved:

Additional information<sup>6</sup>:

The EN to IEC deviation of Test Report No. ACT202480-1 was addressed to Test Report No. 5793.

## Declaration

I hereby declare that the above specified fittings or electrical appliances comply with the requirements of Regulation 83 of the Electricity (Safety) Regulations 2010.

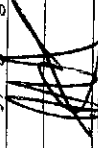
Signed for and on behalf of:

Forman Building Systems Limited

Name and position as authorized by the issuer<sup>7</sup>:

Ryan Jarmey, Lighting Business Development Manager

Signature:



Date:

21/5/13

Issuer identification (as affixed to the article)

# SUPPLIER DECLARATION OF CONFORMITY (SDoC)

In accordance with ISO/IEC 17050-1:2004

## Notes for completion

1. Every declaration of conformity should be uniquely identified.
2. The responsible issuer must be unequivocally specified.
3. The "Article" must be unequivocally described so that the declaration of conformity may be related to the article in question. For mass-produced products, it is not necessary to give individual serial numbers. Where variants of an article are to be covered, these must be detailed.
4. The cited standard is the applicable specific safety standard exactly as it is cited in Schedule 4 of the Electricity (Safety) Regulations 2010 or AS/NZS 3820, at the date that the declaration is signed. Where a valid Approval exists for a product issued by an Australian State Regulator Office (only), a copy of the Approval Certificate may be used as evidence of compliance with the alternative AS/NZS 3820.
5. This is for products imported and offered for sale under the explicit control of the China "Conformity Cooperation Agreement" such product will be marked in accordance with that agreement and NZ suppliers of such product should obtain documentary evidence to support any claim that a product is covered by the agreement. Warning a product offered for sale that is marked in accordance with the CCA, that is not actually covered by the CCA is illegal and subject to a fixed infringement Fee fine.
6. Text should appear here only if any limitation on the validity of the declaration of conformity and/or any additional information are given.
7. Full name and function of the signing person(s) authorised by the issuer's management to sign on its behalf should be given. The number of signatures, or equivalent, included will be the minimum determined by the legal form of the issuer's organisation.

## Continuing validity of the declaration of conformity

The issuer of the declaration of conformity shall have procedures in place to ensure the continued conformity of the medium risk article, as delivered or accepted, with the stated requirements of the declaration of conformity.

The issuer of the declaration of conformity shall have procedures in place to re-evaluate the validity of the declaration of conformity, in the event of:-

- a) changes significantly affecting the article design or specification,
- b) changes to the standards which conformity of the article is stated,
- c) changes in the ownership or structure of management of the supplier,
- d) if relevant, or relevant information indicating that the article may no longer conform to the specified requirements.

## Additional information regarding the declaration

"Issuer Identification" as affixed to the article: this marking should identify the issuer of the SDoC and may be for example in the form of a NZ GST N° NZ Company N°, Unique NZ brand name or trademark, or SCN issued by Radio Spectrum Management (this number can be used, even if a C-tick is not required for the article), etc. Failure to mark a product with such unique identification may result in the issuer being held responsible for compliance of an article that may not have been supplied by the issuer, unless the issuer can prove otherwise! This is particularly relevant where the same or very similar model is or may be imported or manufactured, by other NZ suppliers.

A copy of the SDoC and test report(s) (certification) and/or other supporting compliance documentation must be available upon request. (Note: A copy of the SDoC and supporting documentation for a Medium risk declared article must be supplied within 10 working days of a request by Energy Safety. Also a copy of the SDoC must be supplied within 10 working days of a request by any potential purchaser of the Medium risk declared article).

A person who sells or offers for sale, a Medium risk declared article commits an offence, if at the time of sale or offer to sell, a valid declaration of conformity for the article has not been made, or the person cannot provide a copy of the declaration of conformity, within the time allowed. Penalties associated with a grade A offence are fines, not exceeding \$10,000 for an individual or \$50,000 for a body corporate (company) if successfully prosecuted, or a fixed infringement fee, of \$1,000 for an individual or \$3,000 for a body corporate (company).

See listings of the current regulatory definitions for electrical equipment deemed to be medium risk articles, on the Energy Safety website [www.energysafety.govt.nz](http://www.energysafety.govt.nz).

This form can be edited to increase any text box size, in order to insert more detail, than the current space allows, if required.

This is an example ISO/IEC 17050-1 form for a recognised declaration of conformity; any other form complying with the requirements of ISO/IEC 17050-1:2004, may be used instead, for the purpose of Electricity Regulation 83.

Nothing prevents this form being extended to act as an SDoC, for other regulatory purposes.

**This completed form remains with the issuer as part of the documentation required as evidence of compliance  
DO NOT submit a copy of this form to Energy Safety unless specifically requested to do so.**

# SUPPLIER DECLARATION OF CONFORMITY (SDoC)

In accordance with ISO/IEC 17050-1:2004

## Rating:

220-240V~, 50/60 Hz

TD16-5	-	5W
TD20-7	-	7W
TD26-10	-	10W
TD32-15	-	15W
TD20-12	-	12W
TD36-15	-	15W

The suffixes  $X_1X_2X_3X_4$  at the end of each model number stand for the following;

- $X_1 = 0$  to  $9$  for angle of lens.
- $X_2 = 0$  to  $9$  for the different colour temperature.
- $X_3 = 0$  to  $9$  for business purpose.
- $X_4 = 0$  to  $9$  for business purpose.

# SUPPLIER DECLARATION OF CONFORMITY (SDOC)

In accordance with ISO/IEC 17050-1:2004

SDoC identification Number:

Forman-13-003

## Issuer details

Name<sup>2</sup> (of New Zealand manufacturer or importer):

Forman Building Systems Limited

Contact Address:

20 Vestey Drive, Mt Wellington  
Auckland 1060 New Zealand

Telephone:

+64 9 270 1915

New Zealand Company No. (if applicable):

71699

Email Address:

ryan.jarmey@forman.co.nz

## Medium Risk Article - Details<sup>3</sup> (Product name, type, rating, brand, model, batch numbers, and serial numbers, as applicable):

Electronic Controlgears,

Ledonopto Models DIM350mA/9W, DIM350mA/18W, DIM500mA/18W, DIM700mA/18W, & DIM1050mA/36W  
Actec Model DIM300mA/12W

(Please refer to page 3 herein for the rating.)

## The Medium Risk Article listed above, fully complies:

With cited standard(s), as listed<sup>4</sup>:

IEC 61347-1:2007

IEC 61347-2-13:2006

Standard number and issue year:

Ed. 2.1

Standard number and issue year:

Ed 1.0

Edition / Amendment status:

Edition / Amendment status:

Standard title:

Lamp controlgear - General and safety requirements

Lamp controlgear - Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules

AS/NZS ZZ modified

Yes

No

N/A

AS/NZS ZZ modified

Yes

No

N/A

OR Complies with the Conformity Cooperation Agreement<sup>5</sup>

Yes

No

## Names and addresses of any testing organisation or body

Name(s):

Spectrum Laboratories

Address(es):

1/25 Highbrook Drive, East Tamaki, Auckland 1730

Name(s):

Nemko AS

Address(es):

Gaustadalléen 30, N-0373 Oslo, Norway

Name(s):

Nemko Hong Kong Ltd.

Address(es):

Unit 1-5, 15/F, CCT Telecom Building, 11 Wo Shing Street, Fo Tan, Shatin, N.T., Hong Kong

## Reference to relevant test reports/certification and the issue date that show how compliance is achieved

Standard(s) or document(s) used, to show how compliance with cited standard is achieved:

Test Report (AS/NZS 61347.1:2002 + AS/NZS 60598.1:2003)  
Test Report (IEC 61347-2-13:2006 & IEC 61347-1:2007)  
Test Report (IEC 61347-2-13:2006 & IEC 61347-1:2007 + A1:2010)  
Test Report (IEC 61347-2-13:2006 & IEC 61347-1:2007 + A1:2010)

Report Certification or Document reference N°(s):

5800  
163786  
217108  
205545

Issue date(s):

10/5/2013  
10/3/2011  
24/10/2012  
11/7/2012

Reference to any management quality system involved: nil

Additional information<sup>6</sup>:

The products were tested to an updated version of Part 1 standard compared to what the Schedule 4 requires. The products were also tested in compliance to Annex ZZ of AS/NZS 60598.1:2003.

## Declaration

I hereby declare that the above specified fittings or electrical appliances comply with the requirements of Regulation 83 of the Electricity (Safety) Regulations 2010.

Signed for and on behalf of:

Forman Building Systems Limited

Issuer Identification (as affixed to the article)

Name and position as authorized by the issuer<sup>7</sup>:

Ryan Jarmey, Lighting Business Development Manager

Signature:



Date:

21/5/13

# SUPPLIER DECLARATION OF CONFORMITY (SDoC)

In accordance with ISO/IEC 17050-1:2004

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5. This is for products imported and offered for sale under the explicit control of the China "Conformity Cooperation Agreement" such product will be marked in accordance with that agreement and NZ suppliers of such product should obtain documentary evidence to support any claim that a product is covered by the agreement. Warning a product offered for sale that is marked in accordance with the CCA, that is not actually covered by the CCA is illegal and subject to a fixed Infringement Fee fine.
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A copy of the SDoC and test report(s) (certification) and/or other supporting compliance documentation must be available upon request. (Note: A copy of the SDoC and supporting documentation for a Medium risk declared article must be supplied within 10 working days of a request by Energy Safety. Also a copy of the SDoC must be supplied within 10 working days of a request by any potential purchaser of the Medium risk declared article).

A person who sells or offers for sale, a Medium risk declared article commits an offence, if at the time of sale or offer to sell, a valid declaration of conformity for the article has not been made, or the person cannot provide a copy of the declaration of conformity, within the time allowed. Penalties associated with a grade A offence are fines, not exceeding \$10,000 for an individual or \$50,000 for a body corporate (company) if successfully prosecuted, or a fixed infringement fee, of \$1,000 for an individual or \$3,000 for a body corporate (company).

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# SUPPLIER DECLARATION OF CONFORMITY (SDoC)

In accordance with ISO/IEC 17050-1:2004

## Rating:

Model	Rating
DIM350mA/9W	6-26V PRI: 220-240V, 50/60Hz, 0.06A SEC: 350mA, 6-26Vdc $\lambda$ : 0.90°C $t_a$ =-20...50°C $t_c$ =90°C
DIM350mA/18W	15-52V PRI: 220-240V, 50/60Hz, 0.11A SEC: 350mA, 15-52Vdc $\lambda$ : 0.90°C $t_a$ =-20...50°C $t_c$ =90°C
DIM500mA/18W	9-36V PRI: 220-240V, 50/60Hz, 0.11A SEC: 500mA, 9-36Vdc $\lambda$ : 0.90°C $t_a$ =-20...50°C $t_c$ =90°C
DIM700mA/18W	6-26V PRI: 220-240V, 50/60Hz, 0.11A SEC: 700mA, 6-26Vdc $\lambda$ : 0.90°C $t_a$ =-20...50°C $t_c$ =90°C
DIM1050mA/36W	PRI: 220-240V, 50/60Hz, 0.22A SEC: 1050mA, 15-35Vdc $\lambda$ : 0.90°C $t_a$ =-20...40°C $t_c$ =80°C
DIM300mA/12W	PRI: 220-240V, 50/60Hz, 0.10A SEC: 350mA, 21-40Vdc $\lambda$ : 0.90°C $t_a$ =-20...50°C $t_c$ =80°C