GRAND-DUCHÉ DE LUXEMBOURG

Ministère du Développement durable et des Infrastructures
Département des Transports

L-2938 Luxembourg

SOCIÉTÉ NATIONALE DE CERTIFICATION ET D'HOMOLOGATION
s.à r.l.

Registre de Commerce: B 27180

L-5201 Sandweiler

Référence: E13*81R00*81R00*5047*00

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Sandweiler, le 31 mai 2012

Communication concernant 2/: - **DELIVRANCE D'UNE HOMOLOGATION**
Communication concerning 2/: APPROVAL GRANTED
- ~~**EXTENSION D'HOMOLOGATION**~~
~~APPROVAL EXTENDED~~
- ~~**REFUS D'HOMOLOGATION**~~
~~APPROVAL REFUSED~~
- ~~**RETRAIT D'HOMOLOGATION**~~
~~APPROVAL WITHDRAWN~~
- ~~**ARRET DEFINITIF DE LA PRODUCTION**~~
~~PRODUCTION DEFINITELY DISCONTINUED~~

d'un type de rétroviseur, conformément au Règlement N° 81
of a type of rear-view mirror pursuant to Regulation N° 81

Numéro d'homologation:
Approval number: E13*81R00*81R00*5047*00

Marque d'homologation:
Approval mark: L E13 005047

1. **Marque de fabrique ou de commerce du dispositif:**
Trade name or mark of the equipment:

2. **Type:**
Equipment type: MG-1866

3. **Description sommaire comportant notamment les indications suivantes:**
Brief description including in particular the following information:

3.1. **Dimensions principales de la surface réfléchissante:**
Main dimensions of the reflecting surface: max. height: 80 mm
max. lenght: 140 mm

3.2. **Rayon de courbure nominal de la surface réfléchissante:**
Nominal radius of curvature of the reflecting surface: LH: 1363 mm
RH: 1366 mm

4. **Nom et adresse du fabricant:**
Manufacturer's name and address:

5. **Nom et adresse du représentant du fabricant (le cas échéant):**
If applicable, name and address of the manufacturer's representative: not applicable

6. **Présenté à l'homologation le:**
Equipment submitted for approval on: 18.05.2012

7. ***Autorité déléguée:***
Assigned authority: *Société Nationale de Certification et d'Homologation L-5201 Sandweiler*

Service technique chargé des essais d'homologation:
Technical service responsible for conducting approval tests: Luxcontrol SA
B.P. 349
L-4004 Esch-sur-Alzette

8. **Date du procès-verbal délivré par ce service:**
Date of report issued by that service: 28.05.2012

9. **Numéro du procès-verbal délivré par ce service:**
Number of report issued by that service: LCA 51 0733 003 11

10. **Véhicules pour lesquels le dispositif est destiné:**
Vehicles for which the equipment is designed: two-, three- and four-wheel motor vehicles

11 **L'homologation est 2/:**
Approval is 2/: accordée / ~~refusée~~ / ~~étendue~~ / ~~retirée~~
granted / ~~refused~~ / ~~extended~~ / ~~witdrawn~~

12. **Motif(s) de l'extension de l'homologation:**
Reason(s) for extension of approval: not applicable

13. **Lieu:**
Place: Sandweiler

14. **Date:**
Date: 31 mai 2012

15. **Signature:**
Signature:

Pour le Département des Transports

Grand-Duché de Luxembourg Développement durable et des Infrastructures Ministère du Département des transports

Marco FELTES
Inspecteur Principal 1er en rang

Pour la SNCH

Société Nationale de Certification et d'Homologation snch Accréditée EN 45011

Claude LIESCH
Directeur

OLAS OFFICE LUXEMBOURGEOIS D'ACCREDITATION ET DE SURVEILLANCE ACCREDITATION NUMBER: 5/001 EN 45011

16. **Est annexée la liste des pièces constituant le dossier d'homologation déposé au Service administratif ayant délivré l'homologation:**
A list of documents contained in the approval file transmitted to the administrative service which has granted approval is annexed to this communication: see index to type-approval report

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2/ Rayer les mentions inutiles
Strike out what does not apply

GRAND-DUCHÉ DE LUXEMBOURG

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L-5201 Sandweiler

Référence: E13*81R00*81R00*5047*00

Annexes: - Rapport Technique
- Fiche de Renseignements du constructeur

Sandweiler, le 31 mai 2012

Index du dossier d'homologation
Index to type-approval report

Numéro d'homologation:
Approval number: E13*81R00*81R00*5047*00

Révision:
Revision: 00

Marque de fabrique ou de commerce:
Trade name or mark:

Type:
Type: *MG-1866*

1. Procès-verbal d'essai:
Test report: N° LCA 51 0733 003 11

- Technical report: Pages 1 to 6;
- Index to information package: Annex A - Page 1.

2. Dossier du constructeur:
Report of the manufacturer: N° 11-0912

- Information document: refer to Annex A, Page 1 of technical report.

3. Autres documents annexés:
Other documents annexed: not applicable

4. Date de délivrance de l'homologation initiale:
Date of issue of initial type approval: 31.05.2012

5. Date de la dernière délivrance de pages révisées:
Date of last issue of revised pages: not applicable

6. Date de la dernière délivrance d'une homologation révisée:
Date of last extension: not applicable

TECHNICAL REPORT

No.: LCA 51 0733 003 11

Inspection concerning the

Rear view mirrors of two-wheel motorvehicles with or without sidecar

performed according to

ECE - Regulation No. 81

Type: **MG-1866**
Manufacturer:

Index:

1. General Page 2
2. Inspections and their results Page 3
3. Evaluation of test results Page 5
4. Statement of compliance Page 6
5. Annex (beginning with an index)

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E13*81R00*81R00*5047*00
Société Nationale de Certification et d'Homologation
L-5201 SANDWEILER (Luxembourg)
Organisme accrédité OLAS EN 45011
Accréditation N° 5/001 (Portée communiquée sur demande)

…

Luxcontrol SA
1, Av. des Terres Rouges
BP 349
L-4004 Esch-sur-Alzette
LUXEMBOURG

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Fortis Banque Luxembourg
IBAN: LU56 0030 1612 0727 0000
BIC: BGLLLULL
Dexia-BIL
IBAN: LU48 0026 1824 1543 2600
BIC: BILLLULL

1. General

1.1. Test Provisions

The inspection was carried out according to the requirements of ECE-Regulation No. 81, Supplement 2 to the original version of the Regulation which entered into force on June 18, 2007

1.2. Information concerning the vehicle type and the requested approval

The statements below apply to the previous ECE type-approval as referred to on page 1.

1.2.1. [] Numbering according to the communication of the ECE component type-approval following ECE-R81.

[1.] Trade name or mark:

[2.] Type:

MG-1866

[3.] Brief description including in particular the following information:

[3.1.] Main dimensions of the reflecting surface:

Max Height: 80 mm

Max Length: 140 mm

[3.2.] Nominal radius of curvature:

LH: **1363 mm**
RH: **1366 mm**

[4.] Name and address of the manufacturer:

[5.] Name and address of manufacturer's authorised representative:

Not applicable

…

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[6.] Equipment submitted for type approval on:

May 18, 2012

[10.] Vehicles for which the equipment is designed:

Two, Three and Four - wheel motor vehicles

[12] Reason(s) for extension of approval:

Not applicable

2. Inspections and their results

2.1. Version of the tested vehicle/item

Following version has been used for testing (if not stated in part 1.2.1. of this report):

Not applicable

2.2. Inspection items

	Location of test:	Date of receipt of test item:	Date of test:	Inspector:
Main report	ISOQA, Integrated Service of Quality Assurance 60, Yong Long Rd, Dali, Taichung, Taiwan, ROC 41257	18.05.2012	18.05.2012	R. Limpach

2.2.1. General specifications:

The trade mark is marked clearly legible and indelible on the device.
Space for the approval marks and additional symbols is provided on the device as shown in Annex B.

2.2.1.1. Adjustment of the rear-view mirror

The reflecting surface of the rear-view mirror is manually adjustable.

2.2.1.2. Rear-view mirror holder (protective housing):

The edge of the reflecting surface is completely enclosed in a holder, which, around its perimeter, has a radius of curvature **"c" > 2,5 mm** at all points and in all directions.

2.2.1.2.1. Radius of curvature of contactable parts of the rear-view mirror:

All parts, irrespective of the adjustment position of the device, which can be in static contact with a sphere of 100 mm, have a radius of curvature of **"c" > 2,5 mm**.

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2.2.1.3. Dimensions of the reflecting surface:

The reflecting surface has an area of **more than 69 cm^2**. It is possible to inscribe a circle of **min. 78 mm** on the reflecting surface.

2.2.1.4. Reflecting surface and coefficient of reflection:

Radius of curvature: **1250 ± 250 mm**
Coefficient of reflection: **> 40 %**

2.2.1.5. The results indicated below have been achieved by adjusting the mirror to the installation angle of:

Versions: **right hand (RH) and left hand (LH) traffic**

Impact test results [°] (1)		**Orientation angle of the mirror (plan view) [°]**	**Observations**
Test (2) left	**Test (2) right**		
>20	--	15	No breakage
--	>20	15	No breakage

(1) according to paragraph 8.4. of the Regulation
(2) according to paragraph 8.2. of the Regulation

2.2.1.6. Bending test:

The bending test has been carried out without breakage of the mirror and/or the mirror holder.

2.3. Remark

2.3.1. General:

The inspection results are only applicable to items, which have been tested.

2.4. Test facilities

Calibration of measuring and test equipment used to carry out the inspections is in accordance with the EEC-Directive and/or ECE-Regulation stated in 1.1. of this report and with ISO 17025.

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3. Evaluation of test results

3.1. Variants and equipment covered

The tests carried out cover the following vehicle variations and equipment as far as these are relevant for rear-view mirrors:

Left- or right hand side device

3.2. Remarks

3.2.1. Main report:

Not applicable

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4. Statement of compliance

The inspections items and measurements carried out have shown the compliance of the vehicle type described in this report and the attached Annex with the requirements of ECE-Regulation No. 81, Supplement 2 to the original version of the Regulation which entered into force on June 18, 2007.

Esch-sur-Alzette, May 28, 2012

Luxcontrol s.a.
Service Homologation-automobile





Mauro Moscardelli
Ingénieur-Inspecteur

R. Limpach
Ingénieur-Inspecteur

Annex

Index to the information package, including a summary in chronological order, concerning extensions and/or amendments

ECE type-approval No.: --

Main Report

Technical Report No.: LCA 51 0733 003 11 Pages 1 to 6

Composition of the Annex:

A: Index Page 1
B: Information folder Page 1 to 4

Index to the information folder:

- Manufacturer's information document (pages 1 to 4)

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TEL: 886-47-332679
FAX: 886-47-332680

MODEL INFORMATION DOCUMENT NO. 11-0912

ECE

APPLICATION DOCUMENTS

Device Name: MG-1866

Date: 19 May 2012

Manufacturer

Address

I. SPECIFICATION DATA

1. FUNCTION, APPLICABLE REGULATION & Radius of Curvature

TRADE MARK			
FUNCTION	**ECE APPLICABLE REGULATION**	**Radius of Curvature**	**Applicable Vehicle**
- Rear view mirror	R81.00 Category L	LH = 1363 RH = 1366	Universal

2. Drawing No.: MG-1866

3. TYPE: MG-1866

E13*81R00*81R00*5047*00
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TEL: 886-47-332679
FAX: 886-47-332680

MODEL INFORMATION DOCUMENT NO. 11-0912

II. TECHNICAL DATA

1. CONSTRUCTION AND MATERIAL:

CONSTRUCTION	MATERIAL	REMARKS
Reflecting surface	Glass	
Holder	Plastic	

2. LOCATION OF MARKING

MARKING		LOCATION
Trade mark		On Holder
Lamp designation mark		
- Rear view mirror	-	On Holder

NOTE:

1. Approval marking shall be shown in the attached drawing.

2. Only for limited mounting height of equal to or less than 750mm above the ground. ~~yes/~~ no

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