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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY



COMMUNICATION CONCERNING THE APPROVAL GRANTED/
~~APPROVAL EXTENDED/APPROVAL REFUSED/APPROVAL WITHDRAWN~~
~~/PRODUCTION DEFINITELY DISCONTINUED⁽²⁾~~ OF A TYPE OF SPECIAL
WARNING LIGHT FOR MOTOR VEHICLES, PURSUANT TO REGULATION
NO 65

(1)

Approval No: 65R-000172

1. Special warning lamp ~~/rotating / stationary flashing lamp /~~ directional flashing lamp ~~/complete bar / blue / amber⁽²⁾~~
2. Special warning lamp has one ~~/two⁽²⁾~~ levels of intensity: Category XB Class 2
Special warning lamp consists of separate units: Not applicable
3. For special warning lamps having two levels of intensity, indicate the system used to obtain increased intensity at day-time: Controlled via switch (control wire disconnect)
4. Used light source, discharge lamp or category of filament lamp: LED
5. Rated voltage of special warning lamp: 24 Volt
6. Trade name or mark: Whelan
7. Manufacturer's name and address:
Woodway Engineering Limited
Lower Road
Barnacle
Coventry
CV7 9LD
United Kingdom
8. If applicable, name and address of manufacturer's representative: Not applicable
9. Submitted for approval on: 02 November 2010

EAL226891

An executive agency of the Department for Transport
Date June 2008 Issue 1



10. Technical service responsible for approval tests: BSI Product Services

11. Date of report issued by that service: 28 February 2011

12. Number of report issued by that service: 247/7606419 5 of 5

13. Approval GRANTED/~~EXTENDED~~/~~REFUSED~~/~~WITHDRAWN~~⁽²⁾

14. Reason(s) of extension (if applicable): Not applicable

15. Place: BRISTOL

16. Date: 27 JUNE 2011

17. Signature: 

A. W. STENNING
Head of Technical and Quality Group

18. The list of documents filed with the administration service which has granted approval and available on request is annexed to this communication.

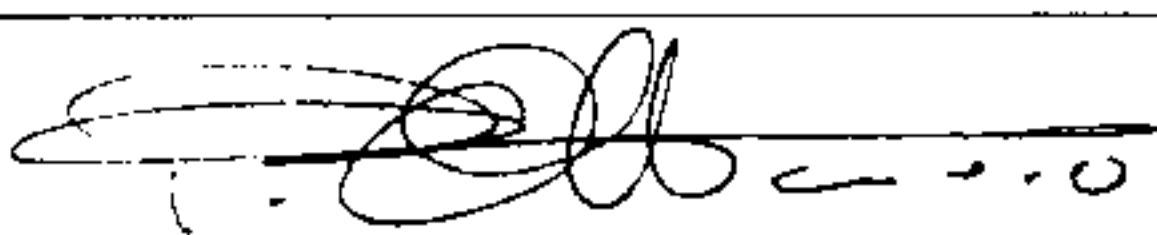
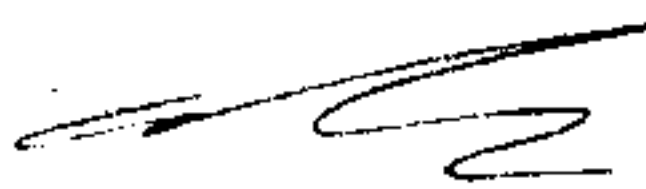
(1) Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulation).

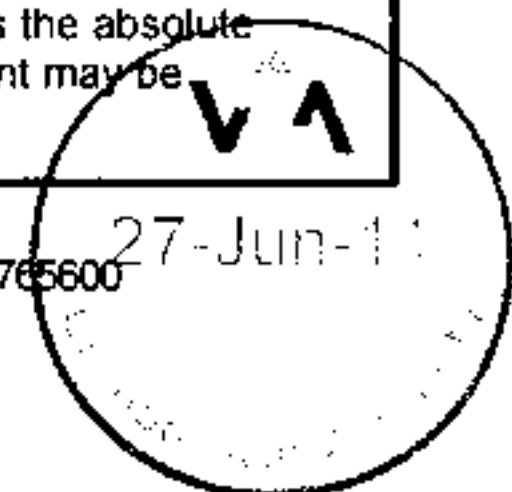
(2) Strike out what does not apply.



Test Report



Report No	247/7606419 5 of 5 EAL226891	This Report consists of 41 pages
Client	Vehicle Certification Agency on behalf of Woodway Engineering Ld Lower Road Barnacle CV7 9LD	
Authority & date	Vehicle Certification Agency dated 2 November 2010	
Items tested	Model M9 series warning lights	
Specification	As detailed on page 2 of this Test Report	
Results	The samples submitted complied with the requirements of the specification detailed within this Test Report	
Prepared by	P Ottavio Senior Technician Engineer	
Authorized by	C Higby Team Leader, Lighting Technology	
Issue Date	28 February 2011	
Conditions of issue	This Test Report is issued subject to the conditions stated in current issue of CPO322 Conditions of contract for testing'. The results contained herein apply only to the particular sample/s tested and to the specific tests carried out, as detailed in this Test Report. The issuing of this Test Report does not indicate any measure of Approval, Certification, Supervision, Control or Surveillance by BSI of any product. No extract, abridgement or abstraction from a Test Report may be published or used to advertise a product without the written consent of the Managing Director, who reserves the absolute right to agree or reject all or any of the details of any items or publicity for which consent may be sought.	



1. INTRODUCTION

Samples submitted: Model M9 Series warning lamps
Date submitted: 11 November 2010
Testing commenced: 1 December 2010
ECE Regulation: 65 up to and including Rev.1/Add.64/Rev.1/Amend.2
'Uniform provisions concerning the approval of special warning lamps for power-driven vehicles and their trailers'.

1.1 Approval tests on the following functions of the unit were requested by the applicant:

Category X Special Warning Lamps:

M9 – R65A2 12V Amber Class 2, Category XA
M9 – R65A2 24V Amber Class 2, Category XA
M9 – R65B2 24V Blue Class 2, Category XB

Refer to Appendix A for technical description and details of markings.

1.2 Types and number of lamps used:

LED light source (8 banks of 3 LEDs) 12V / 28 V - 16 Watts

1.3 Versions of unit manufactured covered by this Report:

Two versions of each of the above M9 Series warning lamps, the units have symmetrical design.

For further details, refer to the technical drawings in Appendix A of this report.

To satisfy worst case conditions it was deemed that the samples tested were representative of the series of warning lamps covered by this report.

2. CONCLUSIONS

The Special Warning Lamps submitted complied with the requirements of ECE Regulation 65 as Category XA or XB, Class 2 intensity warning lamp.

Approval numbers 000171 (Amber) and 000172 (Blue) must be marked on each unit.

