THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED [1]/ ~~APPROVAL EXTENDED~~ [1]/ ~~APPROVAL REFUSED~~ [1]/ ~~APPROVAL WITHDRAWN~~ [1]/ ~~PRODUCTION DEFINITIVELY DISCONTINUED~~ [1] OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY [1] WITH REGARD TO REGULATION NO. 10.05

E11 Approval No: 10R-059350

Extension No: Not applicable

1. Make (trade name of manufacturer): Haztec International Limited

2. Type and general commercial description(s): Warning system for emergency vehicles.

3. Means of identification of type, if marked on the ~~vehicle~~/component/ ~~separate technical unit~~: [1]
All components are individually labelled.

3.1. Location of that marking: Please see supplied image and key

4. Category of vehicle: Not applicable

5. Name and address of manufacturer:
Haztec International Limited
Moorfield Estate
Leeds
LS19 7BN
United Kingdom

6. In the case of components and separate technical units, location and method of affixing of the approval mark: Label / lens cover

04-May-16
UK Approval Authority

EAR347949

7. Address(es) of assembly plant(s):
Haztec International Limited
Moorfield Estate
Leeds
LS19 7BN
United Kingdom

8. Additional information (where applicable): See Appendix

9. Technical Service responsible for carrying out the tests: SGS UK Limited

10. Date of test report: 27 April 2016

11. No. of test report: AUT220884/JN/16

12. Any remarks: See Appendix below

13. Place: BRISTOL

14. Date: 04 MAY 2016

15. Signature: D LAWLOR
Head of Technical Standards & Legislation

16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.

17. Reasons for extension: Not applicable

(1) Strike out what does not apply.

04-May-16
UK Approval Authority

Appendix

to type-approval communication form No. 10R-059350

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:

1.1. Electrical system rated voltage: 12-24V. ~~pos~~/neg ground (1)

1.2. This ESA can be used on any vehicle type with the following restrictions: 12-24VDC

1.2.1. Installation conditions, if any: See instructions with the products

1.3. This ESA can be used only on the following vehicle types: Not applicable

1.3.1. Installation conditions, if any: Not applicable

1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9): 20 to 200MHz (BCI at 60 m-Amps), 200 to 2000MHz (Free field at 30V/m)

1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS UK Limited. (Durham) United Kingdom

2. Remarks: None

(1) Strike out what does not apply.

ECE Reg 10.05 information regarding approval for E-marking of Component/STU.

General Details:

Section 1 Make. (trade name of manufacturer)

Haztec International Ltd

Section 2 Type: General Commercial Description.

Warning system for emergency vehicles

Section 3 Means of identification of type, if marked on the Component/STU.

All components are individually labelled

Section 3.1 State where the identification / model number is situated on the product, and how it is marked.

Please see supplied image and key

Section 4 Name and address of Manufacturer

Haztec International Ltd
Moorfield Estate
Leeds
LS19 7BN

Section 4.1 Name and address of Manufacturer's representative inside the European Union. N/A.

Section 5 State how and where the type approval E mark will be affixed

Label / lens cover

Section 6 Address(es) of assembly plant(s)

Haztec International Ltd
Moorfield Estate
Leeds
LS19 7BN

Section 7 This product shall be approved as a component/~~STU~~ (delete as applicable) Component.

Section 8 Restrictions of use and conditions for fitting.

See instructions with the product/s.

Section 9 Electrical system rated voltage Positive/negative Ground.

12-24V DC for most components

Only applicable for charging systems: (REESS)

Section 10 Charger: on board/external[2].
N/A.

Section 11 Charging current: direct current/alternating current (number of phases/frequency[2]).
N/A.

Section 12 Maximal nominal current (in each mode if necessary).
N/A.

Section 13 Nominal charging voltage.
N/A.

Section 14 Basic ESA interface functions: ex. L1/L2/L3/N/PE/control pilot.
N/A.

Section 15 Minimum R_{sce} value (see paragraph 7.11. of this Regulation.
N/A.