



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/~~APPROVAL EXTENDED ⁽⁴⁾/~~
~~APPROVAL REFUSED ⁽⁴⁾/~~ ~~APPROVAL WITHDRAWN ⁽⁴⁾/~~ ~~PRODUCTION DEFINITELY~~
~~DISCONTINUED ⁽⁴⁾~~ OF A TYPE OF ELECTRICAL/ ELECTRONIC SUB-ASSEMBLY ⁽¹⁾ WITH
REGARD TO REGULATION NO. 10.04

E11 Approval No: 10R-047835

Extension No: Not applicable

1. Make (trade name of manufacturer): Hubbard Products Ltd
2. Type and general commercial description(s): \$36M2A Vehicle Refrigeration System
3. Means of identification of type, if marked on the ~~vehicle/component/separate technical unit~~ ⁽¹⁾:
Self-adhesive label
 - 3.1. Location of that marking: On or near to condensing unit serial plate
4. Category of vehicle: N1, N2, N3
5. Name and address of manufacturer:
Hubbard Products Ltd
Hillview, Church Road, Otley
Ipswich, Suffolk
IP6 9NP
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: The approval mark will be printed on a self-adhesive label located on or near to Condensing Unit serial plate
7. Address(es) of assembly plant(s): See item 5.

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An executive agency of the Department for Transport
June 2012 Revision 0



8. Additional information (where applicable): See Appendix
 9. Technical Service responsible for carrying out the tests: TRaC Global Ltd
 10. Date of test report: 28 March 2013
 11. No. of test report: TRA-013235-38-01A
 12. Any remarks: See Appendix
 13. Place: BRISTOL
 14. Date: 08 MAY 2013
 15. Signature:  A. W. STENNING
Head of Technical and Quality Support Group
 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.



Appendix

to type-approval communication form No. 10R-047835

concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.04

1. Additional information:
 - 1.1. Electrical system rated voltage: 12 V. \varnothing es/neg ground ⁽¹⁾
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable
 - 1.2.1. Installation conditions, if any: Not applicable
 - 1.3. This ESA can be used only on the following vehicle types: N1, N2 and N3
 - 1.3.1. Installation conditions, if any: This ESA is restricted for use as a refrigeration system fitted complete to a vehicle powered by the vehicle's battery supply
 - 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): ISO11452-4 over 20MHz to 200MHz and ISO11452-2 over 200MHz to 2000MHz
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: TRaC Global Ltd
 2. Remarks: None
- (1) Strike out what does not apply.

