



Communication concerning approval granted of a type of electrical/electronic sub-assembly with regard to Regulation No 10

Approval No:	03092
1. Make: (trade name of manufacturer)	CTEK DC/DC Battery Charger
2. Type and general commercial description:	D250TS CTEK and D250TS Volvo
3. Means of identification of type, if marked on the component:	Model type number 1048
3.1. Location of that marking:	Printed on the side of the charger
4. Category of vehicle:	Not applicable
5. Name and address of manufacturer:	CTEK Sweden AB Rostugnsvägen 3 776 70 Vikmanshyttan SWEDEN
6. Location and method of affixing the ECE approval mark:	Printed on a label on the side of the unit.
7. Address(es) of assembly plant(s):	WKK Technology Ltd 23/F One Kowloon, No 1 Wang Yuen Kowloon Bay, Kowloon Hong Kong Airline Mechanical Company (AMC) 20-21/F Kam Man Fung FTY Building 6 Hong Kong Man Street Chai Wan Hong Kong
8. Additional information:	See appendix
9. Technical service responsible for carrying out the tests:	SP Technical Research Institute of Sweden Box 857 S-501 15 BORÅS SWEDEN
10. Date of test report:	2010-10-07, 2010-11-08
11. Number of test report:	Fx015929, Fx001959-rev1
12. Remarks (if any):	See appendix

13. Place: Borlänge
14. Date: 2010-12-10
15. Signature: Swedish Transport Agency



Linda Dahlgren

16. The index to the information package lodged with the approval authority, which may be obtained on request, is attached.
- Information document 2010-11-03, 9 pages
 - Analysis of conformity Fx015929, dated 2010-10-07, 1 pages
 - Test Report Fx001959-rev1, dated 2010-11-08, 51 pages

Appendix to type approval communication form No: 03053
Concerning the type approval of an electrical/electronic
sub-assembly under Regulation No. 10

1. Additional information
 - 1.1. Electrical system rated voltage: 30 V DC
 - 1.2. This ESA can be used in any vehicle type with the following restrictions:
 - 1.2.1. Installation conditions: See information document
 - 1.3. This ESA unit can be used only in the following vehicle types: Not applicable
 - 1.3.1. Installation conditions: Not applicable
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: ISO 11452-2, 20-800 MHz, AM
ISO 11452-2, 800-2000 MHz, PM
 - 1.5. Approved laboratory responsible for carrying out the test: SP Technical Research Institute of Sweden
Box 857
S-501 15 BORÅS
SWEDEN
2. Remarks: -