

**VCA Headquarters**

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VCA job number: CSL225488

Date: 08 December 2010

Dear Sirs,

1. The vehicle type / component described on the attached approval(s) has been tested and meets the requirements of the ECE Regulation / EEC Directive displayed on the approval certificate(s). I enclose a set of approval documents, comprising, as appropriate, the approval certificate, test report and your documentation duly authenticated.

2. If you think there are any errors in the enclosed package, please contact Patricia Britton, telephone 0117 9524171, e-mail [pat.britton@vca.gov.uk](mailto:pat.britton@vca.gov.uk) immediately. Please be aware that from the date of issue we have a three week holding period, any corrections required after this time will need to be corrected via an extension, index revision or correction 1 certificate, as appropriate.

### ROAD TRAFFIC ACT 1988 - SECTION 80

3. The Secretary of State for Transport authorises, under section 80 of the Road Traffic Act 1988, the stated manufacturer or accredited agent to apply to the motor vehicle type / part specified, the appropriate mark designated in the Motor Vehicles (Designation of Approval Marks) Regulations 1979, as amended. The conditions attached to this authorisation are set out overleaf.

4. If this approval / extension / index revision results in a change being required to a vehicle information document issued under either a National or European Whole Vehicle approval you should notify the issuing authority to arrange for the approval(s) to be updated.

5. VCA is continually scrutinising the quality of the service it provides to customers, in order to discover more ways in which the standard can be improved. If you have a specific complaint concerning the way this job has been dealt with, our customer services leaflet gives guidance on the best approach. If you would like a copy, please contact the above.

Yours sincerely,

Operations Branch



INVESTOR IN PEOPLE



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## 1. CONDITIONS

1.1 This Approval may be withdrawn at any time and while held is subject to the following conditions.

## 2. CONDITIONS OF MOTOR VEHICLE PARTS

- 2.1 The holder of this approval shall put the approval mark described in the Motor Vehicles (Designation of Approval Marks) Regulations 1979 as amended only on Motor Vehicle Parts that:
- Have been manufactured, assembled or completed in factories under his control and
  - Conform in all material respects with the samples, which were tested before this approval was issued.
- 2.2 The holder of this approval shall mark his products in the manner set out in the relevant Regulation / Directive as given in the Motor Vehicles (Designation of Approval Marks) Regulations 1979 as amended together with:
- The approval number allocated by the Secretary of State for Transport.
  - His name or trademark
  - Any other markings specified in the appropriate international Regulation
- 2.3 The holder of this approval shall be prepared at any time to satisfy Department for Transport officials or agents of the Department, that the quality of the part being produced and marked or intended to be by him with the approval marking conforms in all material respects with that of the samples tested as the International Regulation requires.
- 2.4 The holder of this approval undertakes to admit duly authorised officials or agents of the Department at all reasonable times to any premises in which parts marked or intended to be marked are being manufactured, assembled or stored and to permit any such official or agent to inspect parts and all records relating to them and their production processes.
- 2.5 This approval may be suspended or withdrawn by the Secretary of State for Transport at any time without any particular length of notice being given and in the event of that being done the holder will absolve the Secretary of State from any claim for damages or compensation.

## 3. CONDITIONS FOR MOTOR VEHICLES

- 3.1 The holder of this approval shall put the approval mark described in the Motor Vehicles (Designation of Approval Marks) Regulation 1979 as amended only on Motor Vehicles fitted with Motor Vehicle parts which Motor Vehicles as fitted with such parts conform with the type of Motor Vehicle approved by as on behalf of the Secretary of State for Transport and only on Motor Vehicles that:
- Have been manufactured, assembled or completed in factories under his control and
  - Conform in all material respects with the type of Motor Vehicle, which was tested before an approval certificate was issued.
- 3.2 The holder of this approval shall mark motor vehicles of the type approved. In the matter set out in the relevant Regulation / Directive using the authorised approval mark as given in the Motor Vehicles (Designation of Approval Marks) Regulation 1979 as amended together with the approval number allocated by the Secretary of State for Transport.
- 3.3 The holder of this approval shall mark Motor Vehicles of the type approved in the manner set out in the relevant Regulation annexed to the United Nations agreement of 1958 as amended using the authorised approval mark which comprises a capital letter E followed by the number 11 within a circle together with the approval number allocated by the Secretary of State for Transport.
- 3.4 The holder of this approval shall be prepared at any time to satisfy Department for Transport officials or agents of the Department that Motor Vehicles of the type approved which have been produced and marked or that are intended to be marked by him conform in all material respects with the type of vehicle approved.
- 3.5 The holder of this approval undertakes to admit duly authorised officials or agents of the Department at all reasonable times to any premises in which the Motor Vehicles of the type approved which have been or are intended to be marked are manufactured, assembled or stored and to permit any such official or agent to inspect the Motor Vehicles and all records relating to them and their production processes.
- 3.6 This approval may be suspended or withdrawn by the Secretary of State for Transport at any time without any particular length of notice given and in the event of that being done the holder will absolve the Secretary of State from any claim for damages or compensation.



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## THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

<sup>1/</sup>

COMMUNICATION CONCERNING APPROVAL GRANTED / ~~EXTENDED /  
REFUSED / WITHDRAWN / PRODUCTION DEFINITELY DISCOUNTED<sup>2/</sup>~~  
OF A COMPRESSION-IGNITION (C.I.) ENGINE TYPE OR FAMILY (DIESEL  
OR ETHANOL), OR A POSITIVE IGNITION (P.I.) ENGINE TYPE OR  
FAMILY (NG OR LPG),<sup>2/</sup> AS A SEPARATE TECHNICAL UNIT WITH  
REGARD TO THE EMISSION OF POLLUTANTS PURSUANT TO  
REGULATION NO 49.04 SERIES OF AMENDMENTS

Approval No: 49RI-04 2310

Extension No. 00

Extension reason: Not applicable

1. Trade name or mark of the engine: China FAW Jiefang Automotive Company, Ltd. Wuxi Diesel Engine Works(FAWDE)
2. Engine type:  
Parent engine: CA4DF3-17E3  
Family engine(s): CA4DF3-13E3, CA4DF3-15E3
3. Combustion type: compression ignition/~~positive ignition<sup>2/</sup>~~
- 3.1. Type of fuel: Diesel
4. Manufacturer's name and address:  
China FAW Jiefang Automotive Company, Ltd. Wuxi Diesel Engine Works (FAWDE)  
Yongle East Road 99,  
WUXI CITY,  
JIANGSU PROVINCE,  
PEOPLE'S REPUBLIC OF CHINA
5. If applicable, name and address of manufacturer's representative: Not applicable
6. Maximum allowable intake depression<sup>3/</sup>:  
CA4DF3-17E3, CA4DF3-15E3, CA4DF3-13E3: 3.0 kPa
7. Maximum allowable back pressure<sup>3/</sup>:  
CA4DF3-17E3, CA4DF3-15E3, CA4DF3-13E3:: 7.0 kPa

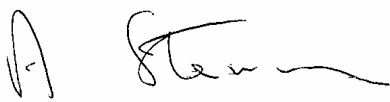
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An executive agency of the Department for Transport  
Date: September 2008 Issue: 1



- 8. Maximum permissible power absorbed by the engine-driven equipment:  
Intermediate:---kW; Rated: ---kW
- 9. Restrictions of use (if any): the engine is intended as a replacement for a vehicle in-use
- 10. Emission levels of the engine/parent engine<sup>2/</sup>
- 10.1. ESC-test (if applicable):  
CO:. 1.10.....g/kWh  
THC:. 0.135...g/kWh  
NO<sub>x</sub>... 4.2...g/kWh  
PT:..... 0.082...g/kWh
- 10.2. ELR-test (if applicable):  
Smoke value:.... 0.13.m<sup>-1</sup>
- 10.3. ETC-test (if applicable): Not applicable

ETC Test					
	CO	NMHC	CH4	NO <sub>x</sub>	PT
Emissions	CO (g/kWh)	NMHC (g/kWh) <sup>2/</sup>	CH4 (g/kWh) <sup>2/</sup>	NO <sub>x</sub> (g/kWh)	PT (g/kWh) <sup>2/</sup>

- 11. Engine submitted for tests on: 08 OCTOBER 2010
- 12. Technical service responsible for conducting the approval test: Vehicle Certification Agency
- 13. Date of test report issued by that service: 04 NOVEMBER 2010
- 14. Number of test report issued by that service: CSL225488
- 15. Site of approval mark on the engine: On the engine plate
- 16. Place: BRISTOL
- 17. Date: 08 DECEMBER 2010
- 18. Signature: 

A. W. STENNING  
Head of Technical and Quality Group



19. The following documents, bearing the approval number shown above, are annexed to this communication:

One copy of Annex 1 to this Regulation completed and with the drawings and diagrams referred to attached.

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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.

