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THE UNITED KINGDOM TYPE APPROVAL AUTHORITY

Date: 12 June 2015

Dear Sir / Madam,

1. The vehicle component / type 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(s), test report and your documentation duly authenticated.

2. Maintaining Conformity of Production (COP) is a means of evidencing the ability to produce a series of products that exactly match the specification, performance and marking requirements outlined in the type approval documentation. Whether you are a manufacturer, or the agent applying for approvals on behalf of a manufacturer, and whatever your product is, suitable COP arrangements must be made. **Please follow these links to documents that explain COP in more detail:** http://www.dft.gov.uk/vca/conformity-of-production/conformity-of-production.asp

3. If you think there are any errors in the enclosed package, please contact Ian Woodruff, ian.woodruff@vca.gov.uk immediately.

Please be aware that from the date of issue we have a two week holding period, any manufacture/applicant document changes within this period may incur an additional time charge to review and re-issue. 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, please view the VCA complaints procedure for guidance: http://www.dft.gov.uk/vca/vca-complaints-procedure.asp

Yours faithfully,

Cathy Han

VCA Operations Branch

12-Jun-15
UK Approval Authority

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:
a. Have been manufactured, assembled or completed in factories under his control and
b. 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:
a. The approval number allocated by the Secretary of State for Transport.
b. His name or trademark
c. 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:
a. Have been manufactured, assembled or completed in factories under his control and
b. 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.

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 ~~VEHICLE /~~ ENGINE TYPE [1] WITH REGARD TO EMISSIONS OR MEASUREMENT OF POWER OF THE ENGINE ONLY, PURSUANT TO REGULATION NO 24.03

E11 Approval No: 24R-03 4184

Extension No: Not applicable

1. Trade name or mark of vehicle [2]: Not applicable

2. Trade name or mark of engine:

3. Vehicle type: [2] Not applicable

4. Engine type: CA6DF2D-22 Engine Approval No: [2] Not applicable

5. Manufacturer's name and address:

FAW Jiefang Automotive Co., Ltd. Wuxi Diesel Engine Works
No.99 East Yongle Road,
Wuxi city,
Jiangsu,
PEOPLE'S REPUBLIC OF CHINA

6. If applicable, name and address of manufacturer's representative: Not applicable

7. ~~Vehicle/~~engine submitted for Type Approval on: [1] 14 May 2015

8. Technical service responsible for conducting approval tests: Vehicle Certification Agency

Job No: CSR327686

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9. Date of report issued by that service: 03 June 2015

10. Number of report issued by that service: CSR327686

11. Test results:

11.1 Emissions (1)

11.1.1 Tests at steady speeds: ~~Vehicle on roller dynamometer/~~engine on test bench (1)

Measurement points	Engine Speed n (rpm)	Power P (kW)	Nominal flow G (litres/sec)	Measured absorption values (m^{-1})
1	2300	162.1	125.676	0.009
2	1700	131.3	92.891	0.014
3	1400	113.9	76.498	0.019
4	1300	103.1	71.034	0.035
5	1200	93.1	65.570	0.064
6	1000	62.0	54.642	0.114

For engine type approval, power absorbed by the fan during the tests: (2) kW

Speed (rpm)	2300	1700	1400	1300	1200	1000
Power (kW)	1.53	1.21	1.02	0.98	0.95	0.81

11.1.2 Free acceleration tests

11.1.2.1 Engine test in accordance with Annex 5 (2): Not applicable

Percentage of maximum rpm (3)	Percentage of maximum torque at rpm stated (3)	Measured absorption value m^{-1}	Corrected absorption value m^{-1}
100	100		
90	100		
100	90		
90	90		
100	80		
90	80		

11.1.2.2 Engine test according to this Regulation, part I, ~~or vehicle test according to part III (2)~~:

Corrected absorption value 1.17 m^{-1}

Rpm at start: 750

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11.2 Stated net maximum power [2]: 162 kW at 2300 rpm

12. Make and type of opacimeter: AVL 439

13. Principal characteristics of engine type:

Engine working principle: four stroke~~/two stroke~~ [1]

Number and layout of cylinders: 6 Cylinders, in line

Cylinder capacity: 1093 cm^3 (Individual)

Fuel feed: direct injection~~/indirect injection~~ [1]

Supercharging equipment: YES~~/NO~~ [1]

14. Approval GRANTED~~/REFUSED/EXTENDED/WITHDRAWN~~ [1]

15. Reason(s) for extension of approval: Not applicable

16. Place: BRISTOL

17. Date:12 JUNE 2015

18. Signature:

A. W. STENNING
Head of Technical and Quality Support Group

19. A list of the documents contained in the approval file transmitted to the administrative service which has granted approval is annexed to this communication.

Any remarks: Approval to Supplement 3

(1) Strike out what does not apply.

(2) Complete or enter "not applicable", according to type of approval requested.

(3) The lower limit may be that stated by the manufacturer in accordance with this Regulation, part I, paragraph 6.3.4.

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