

Cert	Annex	Drg	Total
1	0	0	1 pg

**CERTIFICATE**  
FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

M/s AVL India Pvt Ltd.  
376-377 Udyog Vihar, Phase IV  
GURGAON 122 015

Smoke Meter Model AVL 437C along with clamp-on type RPM transducer, from M/s AVL India Pvt. Ltd., Gurgaon, was type approved vide Type Approval Certificate dated 27<sup>th</sup> August 2004 as per the test procedure approved by Ministry of Road Transport and Highways, Government of India, New Delhi, and specified in MoRTH/CMVR/TAP-115/116, Part-VIII.

Subsequently Smoke Meter Model AVL 437C from M/s AVL India Pvt. Ltd., Gurgaon, was additionally examined, tested and type approved for incorporation of measurement of engine RPM with Vibration Type Sensor Model AVL DiSpeed 490 vide Type Approval Certificate dated 26<sup>th</sup> July 2005.

Subsequently Smoke Meter Model AVL 437C from M/s AVL India Pvt. Ltd., Gurgaon, was additionally examined, tested and type approved for incorporation of measurement of engine RPM with Battery Type Sensor Model CAP 8500 vide Type Approval Certificate dated 14<sup>th</sup> Dec 2007.

Now, M/s AVL India Pvt. Ltd., Gurgaon, have requested extension of type approval to new Smoke Meter Model AVL437G because of changes only in external appearance of the existing Smoke Meter Model AVL437C without affecting its functioning and performance.

Additionally, M/s AVL India Pvt. Ltd., Gurgaon, have requested extension of type approval to Vibration Type Sensor Model AVL DiSpeed 492 because of changes required for measurement of engine RPM of 2-stroke and 4-stroke motorcycles.

Based on the above, it is examined and certified that the Smoke Meter Model AVL 437G along with RPM sensor models DiSpeed 490, CAP 8500 and DiSpeed 492 for measurement of engine RPM, manufactured and marketed by M/s AVL India Pvt. Ltd., Gurgaon, meets the requirements of the provisions of Rule 116(3) of the Central Motor Vehicles Rules 1989, as amended up-to-date, for Smoke Meter.

This type approval certificate shall be read in conjunction with the Type Approval Certificate No. ARAI/TA(MOD-SM)/AVL/437C/ 2004-16 dated 27<sup>th</sup> August 2004.

This Type Approval certificate is valid for the period of 5 years from the date of its issue or any amendment in the test procedure, whichever is earlier.

The first Conformity of Production testing will be due on or before 10<sup>th</sup> Jan 2010 or production of 200 units from 11<sup>th</sup> Jan 2008, whichever is earlier.

Authorised Signatory

A. B. Komawar  
Dy. Director

Shrikant R. Marathe  
Director

Ref : ARAI Type approval Certificate No. ARAI/TA(MOD-SM)/AVL/437C/ 2004-16 dated 27.8.2004

ARAI issues Type Approval/COP Certificates for vehicles / components / parts / assemblies etc., based on the documents produced / submitted by the customer and on these basis, the vehicles / components / parts / assemblies, etc., are examined and if approved, the certificate is issued. ARAI is in no way responsible for any misuse of copying of any design / type / system in connection with entire vehicle / components / parts and assemblies. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the customer and ARAI shall not be liable for any claims or damages, made by the party, whatsoever. The customer shall alone be liable for the same and undertakes to indemnify ARAI in this regard. Further, the ARAI has the right to initiate cancellation / withdrawal of the certificate issued, in case of any fraud, misrepresentation, when it surfaces and comes in the knowledge of ARAI. The appropriate local courts at Pune shall have the jurisdiction in respect of any dispute, claim or liability arising out of this certificate.

**Place of Issue : Pune**