ARAI
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The Automotive Research Association of India
(Research Institute of the Automotive Industry with Ministry of Heavy Industries, Govt. of India)

ARAI/TA(SM_RV)/I3SYS/ EDM1602/2324-AP9589

Dated 13th Sep 2023

Cert	Annex	Drg	Total
1	7	0	8 pgs

CERTIFICATE
FOR COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

M/s I3SYS
983, 1st Floor,
2K Cross, HRBR Layout,
Bengaluru 560 043,
Karnataka (INDIA).

Smoke Meter Model 'EDM 1602' from M/s I3SYS Bengaluru, was type approved vide ARAI Certificate No. ARAI/TA(SM)/I3SYS/EDM1602/1819-15 Dated 02nd Aug 2018, as per the test procedure approved by Ministry of Road Transport and Highways, Government of India, New Delhi, and specified in AIS 137, Part 8.

The initial type approval certificate no.ARAI/TA(SM)/I3SYS/EDM1602/1819-15 Dated 02nd Aug 2018, referred above was valid upto 01st Aug 2023.

Based on the verification and tests carried out, it is certified that the Smoke Meter Model 'EDM 1602', manufactured and marketed by M/s I3SYS Bengaluru, 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.
Smoke Meter Model 'EDM 1602' is suitable for measurement of free acceleration smoke of in-use diesel vehicles fitted with CI engines as per CMVR 115(2), subject to following conditions :

  i.   The supplier shall abide by the Code of Practice attached herewith as Annexure-A. The supplier has already submitted an affidavit to this effect.
  ii. The supplier shall enter into AMC agreement on annual basis with the authorized PUC Test Centres to whom this model is supplied.The AMC terms shall be as per the Code of Practice referred in (i) above.

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 latest Conformity of Production (COP) testing was carried out for the smoke meter units produced upto 25th Nov 2021.
The next COP testing should be completed on or before 24th May 2024 or production of next 200 Combined PUC machine (4 Gas analayer and smoke meter) units from 26th Nov 2021, whichever is earlier.

Disclaimer

1. ARAI issues "Type Approval Certificates" (TAC) for vehicles/ components/ parts/ assemblies etc. based on the documents produced and /or prototype/s submitted by the applicant and testing thereof.
2. ARAI issues TAC in compliance to Motor Vehicle Act / Central Motor Vehicles Rules and their provisions as amended from time to time or any other statutory orders under which ARAI is authorised. Other Rules/ Acts are outside the purview/ scope of TAC.
3. Test(s) on prototype(s) is/are carried out on the basis of standard procedures as notified under specific rules. Results of such tests are the property of bearer of TAC. These results cannot be disclosed unless specifically so ordered by Government, Court, etc.
4. The bearer of the TAC is under obligation to ensure production strictly as per the provisions of the specific TAC.
5. ARAI is not responsible for testing each vehicles/ components/ parts/ assemblies etc. for which TAC is issued. Further, ARAI is not responsible for ensuring manufacturing quality of the type approved vehicles/ components/ parts/ assemblies etc.
6. ARAI is in no way responsible for any misuse or copying of any design/ type/ system in connection with entire vehicle/ components/ parts and assemblies covered under the TAC.
7. Breach of any statutory provision of Indian laws or laws of other countries, will be the sole responsibility of the bearer of TAC and ARAI shall not be liable for any claims or damages. The bearer shall alone be liable for the same, and shall undertake to indemnify ARAI in this regard.
8. ARAI has the right, but not under obligation, 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 / Report.

Authorised Signatory

A A Deshpande
Sr. Deputy Director

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THE AUTOMOTIVE RESEARCH
ASSOCIATION OF INDIA

Dr. Reji Mathai
Director

Ref : Test Report No. ARAI/AED/20232024/3000031427/CT/0897 Dt. 03rd Sep 2023

An ISO 9001, ISO 14001, ISO 45001 and ISO/IEC 27001 Certified Organization

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Regd. Office : S. No. 102, Vetal Hill, Off Paud Road, Kothrud, Pune - 411 038 (India).
P. B. No. 832, Pune - 411 004 (India).
Tel. : +91-20-6762 1111, 3023 1111
Fax : +91-20-6762 1104, 3023 1104
E-mail : director@araiindia.com, Website : www.araiindia.com
ARAI Homologation & Technology Centre (ARAI-HTC), Chakan
ARAI Forging Industry Division (ARAI-FID), Chakan
ARAI Regional Centre South (ARAI-RCS), Chennai