

Cert	Annex	Drg	Total
1	0	0	1 pg

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

M/s Hariwill Electronics India Pvt. Ltd.  
3rd Floor, Surajdeep Complex, 1,  
Jopling Road  
Lucknow 226 001

Smoke Meter Model 'OPACIO-100' manufactured and marketed by M/s Hariwill Electronics India Pvt. Ltd was Type Approved vide Type Approval certificate Type Approval Certificate No. ARAI/TA(SM)/HARIWILL/OPACIO-100/0809-14 Dated 31st March 2009 as per the test procedure approved by Ministry of Road Transport & Highways, Government of India, New Delhi, and specified in MORTH/CMVR/TAP-115/116 Part-VIII.

Now, M/s Hariwill Electronics India Pvt. Ltd. have requested extension of type approval of Smoke Meter Model OPACIO-100 in view of changes in Free Acceleration test procedure as per Gazette notification G.S.R498 (E) dated 16 June 2015.

Based on the verification and tests carried out, it is certified that the Smoke Meter Model OPACIO-100 manufactured and marketed by M/s Hariwill Electronics India Pvt. Ltd. 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.

For the instruments already supplied in the field, the supplier shall carry out modifications as per Gazette notification G.S.R498 (E) dated 16 June 2015 based on which the Transport Authorities concerned will grant extension of validity to the respective PUC test Centre for the purpose of PUC testing as per revised test Procedure.

This type approval certificate shall be read in conjunction with the Type Approval Certificate No. ARAI/TA(SM)/HARIWILL/OPACIO-100/0809-14 Dated 31st March 2009.

**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  
Deputy Director

Mrs. Rashmi Urdhwareshe  
Director

Ref: Test Report No. ARAI/AED/CT/OC-1516-8013/560 Dated.28 Sep 2016

Previous Ref: ARAI/TA (SM\_RV)/HARIWILL/OPACIO-100/1415-02 Dated 29 Apr 2014