

FORM 22  
[See rules 47 (1)(g)]

**ROAD-WORTHINESS CERTIFICATE**  
For Compliance to Emission and Noise Standards  
(To be issued by the Manufacturer or Importer or Registered Association in case of E-rickshaw  
or E-cart, along with the vehicle)

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It is certified that the following vehicle complies with the provisions of the Motor Vehicles Act, 1988,  
and the rules made thereunder:

1. Model/Commercial Name of the vehicle: MARUTI GRAND VITARA SMTHYBRID SIGMA 1.5L 5MT
2. Chassis number : MBJTYKL1SSL 353290  
(Example:- Vehicle Identification Number (VIN) or ATIN or PIN/Trailer Identification Number etc.)
3. Engine number (Motor number, in case of Battery-Operated Vehicles): K15CN 7857033
4. Applicable Emission norms: Bharat Stage VI  
(Example:-Bharat Stage-IV/VI/TREM-III/Equivalent,as permitted under the act,Select NA for Battery Operated Vehicle)
5. Emission, Sound Level for Horn and Pass by noise values of the above vehicle model, obtained during  
Type Approval Testing as per Central Motor Vehicle Rules, 1989 are given below:
  - i. Type Approval certificate No :CARH0815F01
  - ii. Type of Fuel :GASOLINE (E20) / HYBRID  
(Example:- Petrol/Diesel/CNG/LPG/Dual/Biofuel/Hybrid etc.)
  - iii. Emission values for vehicles:

TABLE  
Positive Ignition Engine or Compression Ignition Engine Vehicles

SR No	Pollutant (as applicable)	Units (as applicable)	Value (upto 3 decimal places)
(1)	(2)	(3)	(4)
1	Carbon Monoxide (CO)	mg/km or mg/kWh or g/kWh	251.008 mg/km
2	Hydrocarbon,(THC/HC)	mg/km or mg/kWh or g/kWh	23.826 mg/km
3	Non-Methane Hydrocarbon (NMHC)	mg/km or mg/kWh or g/kWh	20.930 mg/km
4	Oxides of Nitrogen (NOx)	mg/km or mg/kWh or g/kWh	4.427 mg/km
5a	HC + NOx	mg/km or mg/kWh or g/kWh	NA mg/km
5b	THC + NOx	mg/km or mg/kWh	NA mg/km
6	Methane (CH <sub>4</sub> )	mg/kWh	NA mg/kWh
7	Ammonia (NH <sub>3</sub> )	PPM	NA PPM
8	Mass of Particulate Matter(PM)	mg/km or mg/kWh or g/kWh	NA mg/km
9	Number of particles (PN)	Numbers/km or Numbers/kWh	NA Numbers/km

(iv) Noise level (as applicable):

- a) Horn (for all vehicles other than agricultural tractors and construction equipment vehicles) as installed on the vehicle: 97.2 dB(A); (upto 1 decimal place)
- b) Pass by or Bystander's position:70 dB(A);
- c) Driver-perceived or Operator's ear level (as applicable for agricultural tractors and construction equipment vehicles): NA dB(A)



(Avnish Singh Sodhi)

(Facsimile Signature of Manufacturer or Importer  
or Registered Association, in case of E - rickshaw or E - cart)