

Mass emission standards for flex-fuel ethanol E 85 and ED 95

1552. SHRI RAVI PRAKASH VERMA:

SHRI A. U. SINGH DEO:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) whether Government has used any standards for mass emission for flex-fuel ethanol E 85 and ED 95 in the recent past and if so, the details in this regard;

(b) whether the companies involved in research and development have assured for development of economically viable model;

(c) if so, the details thereof and the details of initiatives taken in this regard, so far; and

(d) the details of hybrid system vehicles proposed in the near future and the extent to which it would be able to obtain its objectives?

THE MINISTER OF STATE IN THE MINISTRY OF ROAD TRANSPORT AND HIGHWAYS (SHRI RADHAKRISHNAN P.): (a) to (c) Mass emission standards for flex-fuel ethanol (E85) and ethanol (ED95) vehicles have been notified *vide* notification No. GSR 412(E) and 19.05.2015. The technical specification of the reference fuel E 85 and ED 95 and also the test requirements for type approval and extension have been laid down in the notification. Presently, Ministry has given permission to M/s SCANIA Commercial Vehicles India (P) Limited to conduct road trials for Ethanol bus using ethanol and bio-fuels on Indian roads.

(d) Government has notified Standard (AIS 102) for type approval of hybrid electric vehicles and standard (AIS 123) regarding approval of Hybrid electric kit for retrofitment on in-use passenger cars. Government of India has recently launched FAME – India scheme under National Electric Mobility Mission, Department of Heavy Industry which provides de incentive for electric and hybrid electric vehicles.

National highways in Gujarat

1553. SHRI DILIPBHAI PANDYA:

SHRI MANSUKH L. MANDAVIYA:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

(a) what is the rank of Gujarat in terms of National Highways length per lac population and National Highway length per 1000 sq. km. of area; and