

**GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 4770
ANSWERED ON 31ST MARCH, 2022**

HYDROGEN BASED VEHICLES

4770. SHRI VISHNU DATT SHARMA:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS

सड़क परिवहन और राजमार्ग मंत्री

be pleased to state:

- (a) whether the Government proposes to introduce hydrogen based vehicles in the country;**
- (b) if so, the details and the present status thereof;**
- (c) whether the Government is considering to build and operationalise electric highways for heavy vehicles; and**
- (d) if so, the details and the present status thereof along with the timeframe set for the purpose?**

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) and (b) Ministry of Road Transport and Highways has notified G.S.R. 889(E) dated 16th September, 2016, for use of Hydrogen as an automotive fuel in the country. The specifications for Hydrogen for Internal Combustion Engine have been specified in Annexure IV-W of the said notification. 18% blend of Hydrogen with CNG (HCNG) has been notified vide G.S.R. 585(E) dated 25th September, 2020. Ministry vide G.S.R. 579(E) dated 23rd September, 2020 has notified safety norms regarding hydrogen cell fuel vehicles and its components.

(c) and (d) No such proposal is under consideration with the Ministry.