

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:4711
ANSWERED ON:23.04.2002
STUDY BY CSIR ON POLLUTION LEVELS OF DIESEL FUELS AND CNG
UMMAREDDY VENKATESWARLU

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether it is a fact that the CSIR has done a comparative study on the pollution levels of diesel fuels and CNG;
- (b) if so, the details thereof and the date on which the study was completed;
- (c) whether such a study is being continued with other fuels by CSIR; and
- (d) if so, the names of other automobiles and transportation fuels on which the research is being done by CSIR at present ?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT, MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF DEVELOPMENT (DR. MURLI MANOHAR JOSHI)

(a)&(b) : CSIR has not carried out a comparative study on the pollution levels of diesel fuels and CNG fuels per se. Limited comparative study on emissions from pre Euro - I diesel vehicles and converted CNG vehicles was carried out during 1997-2000. In such vehicles measurement was done for CO, total hydrocarbon (THC), NO_x and not for Particulate Matter (PM). The study revealed that when diesel bus was converted for operation on CNG, the emission levels of CO, THC and NO_x tended to increase beyond permissible limits.

(c)&(d) : Yes Sir. The other fuels are LPG and Petrol.