

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

LOK SABHA
UNSTARRED QUESTION NO. 679
TO BE ANSWERED ON 20.07.2018

National Clear Air Programme

679. KUNWAR BHARATENDRA:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether the Expenditure Finance Plan for the National Clear Air Programme has received approval from the Ministry of Finance;
- (b) if so, the details thereof and if not, the proposed timeline for approval and finalisation of the same;
- (c) whether any measures have been taken in the interim for the prevention and control of air pollution in various cities of the country and if so, the details thereof;
- (d) whether the Government has developed any action plan for the reduction of emissions from transport fuels and if so, the details thereof; and
- (e) whether the Government has studied the potential substitution of harmful aromatics in transport fuels and if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
(DR. MAHESH SHARMA)

(a) & (b) The National Clean Air Programme is a part of larger Central Sector “Pollution Abatement” Scheme. The draft Memorandum for Expenditure Finance Committee (EFC) for the Scheme has been circulated to concerned Ministries including Ministry of Finance seeking comments. The approval has not been received as yet and is subject to appraisal by competent authority.

(c) The Government has taken several measures for prevention and control of air pollution in various cities of the country which inter alia, include notification of National Ambient Air Quality Standards; setting up of monitoring network for assessment of ambient air quality; introduction of cleaner / alternate fuels like gaseous fuel (CNG, LPG etc.), ethanol blending, launching of National Air Quality index; universalization of BS-IV by 2017; leapfrogging from BS-IV to BS-VI fuel standards by 1st April, 2020; notification of Construction and Demolition Waste Management Rules; banning of burning of biomass; promotion of public transport network; streamlining the issuance of Pollution Under Control Certificate; issuance of directions under Section 18(1)(b) of Air (Prevention and Control of Pollution) Act, 1981 and under Section 5 of Environment (Protection) Act, 1986; installation of on-line continuous (24x7) monitoring devices by major industries; collection of Environmental Protection Charge on more than 2000 CC diesel vehicles; notification of graded response action plan for Delhi and NCR etc.

(d) The task force for 'Clean Fuels for Transportation' has recommended action plans which *inter alia* include; preponing the introduction of BS-VI compliant fuels in Delhi and NCR, setting up for Hydrogen and Compressed Natural Gas (HCNG) demonstration project, achieving 10% ethanol blending in transport fuels, nationally, by 2022, formulation of strategy for promoting LNG as transportation fuel, prioritizing implementation of Vapour Recovery Systems in Delhi etc.

(e) The Automotive fuel and lubricant division of CSIR- Indian Institute of Petroleum has focused on investigating the effect of gasoline fuel composition and other properties on exhaust emissions through various studies. The aromatics content & Benzene Content in petrol and Diesel has been progressively reduced and is depicted in the Annexure.

ANNEXURE

ANNEXURE AS REFERRED IN REPLY PART (e) TO THE LOK SABHA UNSTARRED QUESTION NO. 679 DUE FOR ANSWER ON 20.07.2018 REGARDING "NATIONAL CLEAR AIR PROGRAMME" RAISED BY SHRIKUNWAR BHARATENDRA, HON'BLE MEMBER OF PARLIAMENT

Aromatics content & Benzene Content in petrol and Diesel

Petrol :

Year	Supply of Auto Fuel Grade	Aromatics Content	Benzene Content
2000	BS-2000 Nation-wide	No Limit	5%
2005	BS-II Nation -wide	No Limit	3%
2010	BS-III Nation -wide	42%	1%
2017	BS-IV Nation -wide	35%	1%

Diesel:

Year	Supply of Auto Fuel Grade	Poly -Aromatics Hydrocarbon (PAH) Content
2000	BS-2000 Nation-wide	No Limit
2005	BS-II Nation -wide	No Limit
2010	BS-III Nation -wide	11%
2017	BS-IV Nation -wide	11%
2020	BS-VI Nation -wide	8%