

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:3106
ANSWERED ON:13.08.2003
DEVELOPMENT OF WATER PURIFIER BY BARC
SRIPRAKASH JAISWAL;UMMAREDDY VENKATESWARLU

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether the Bhabha Atomic Research Centre (BARC) has developed a maintenance free domestic water purifier;
- (b) whether the cost of the water purifier is much less than those available in the market and superior in quality;
- (c) if so, the details thereof; and
- (d) the time by when, it will be made available in the market?

Answer

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATE AND PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY, MINISTER OF STATE IN THE DEPARTMENT OF SPACE & MINISTER OF STATE IN THE MINISTRY OF COMMERCE AND INDUSTRY - (ADDITIONAL CHARGE) - (SHRI S. B. MOOKHERJEE)

- (a) Yes, Sir the Bhabha Atomic Research Centre (BARC) has developed the technology of an almost maintenance free domestic water purifier.
- (b) Yes, the material cost of this water purifier is less than the presently available water purifiers in the market and will be of superior quality.
- (c) The online domestic water purification device is based on polysulfone type of ultra filtration membrane in a unique cylindrical configuration to purify the domestic water with respect to micro organism, colour, odour, suspended solids and organics.
- (d) So far this technology has been transferred to seven manufacturers, out of which two have launched their product in the market.