

**GOVERNMENT OF INDIA  
PETROLEUM AND NATURAL GAS  
LOK SABHA**

UNSTARRED QUESTION NO:2050

ANSWERED ON:11.08.2011

BURSTING OF COOKING GAS CYLINDERS

Ahir Shri Hansraj Gangaram;Khaire Shri Chandrakant Bhaurao

**Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:**

- (a) whether the incidents of bursting and exploding of cooking gas cylinders in various places in the country are continuously increasing;
- (b) whether companies are neglecting security checks inspite of large number of incidents and death and injury to hundreds of persons since 2004 till date;
- (c) if so, whether any guidelines have been issued for regular security checks of cylinders and to avoid such incidents of explosion of cylinders;
- (d) if so, the details thereof ; and
- (e) if not, the reasons therefor ?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI R. P. N. SINGH)

(a) & (b): A few instances of bursting of LPG cylinders have been reported by Public Sector Oil Marketing Companies (OMCs) due to improper handling, customer negligence, leakage from rubber tube, usage of non-standard equipment, expose to intense heat, pressure of flammable materials in customers premises etc. However, there is no report of any LPG accident involving bursting of LPG cylinders due to direct and preliminary failure of the cylinders in the country since 2004 to July 2011.

All safety precautions are taken by OMCs before delivery of LPG cylinders. Knowledge and awareness is imparted to the customers through regular customer clinics.

(c) to (e): The following procedure is in place to prevent accidents involving LPG cylinder:-

- (i) LPG is filled in LPG cylinders manufactured as per BIS specifications and certified by them.
- (ii) LPG cylinders are periodically tested for safety as per norms of the Chief Controller of Explosives, Petroleum and Explosive Safety Organisation (PESO), Government of India.
- (iii) Filled LPG cylinders are checked for leakage before dispatch from the LPG bottling plants.
- (iv) LPG distributors of OMCs carry out pre-delivery check on the cylinder at the time of its delivery to customers.
- (v) Use of Suraksha LPG hose with steel wire reinforcement which is rodent attack proof and flame retardant, is being promoted by OMCs for improving safety in the use of LPG.
- (vi) Customers are educated on safety through demonstration at the time of release of new LPG connection. Instructions are also printed on the Gas Customer Card and safety leaflet provided to the customers.
- (vii) OMCs carry out mandatory check of the LPG installation at the customers premises once in two years.
- (viii) Prompt attendances of leakage complaints are undertaken by trained mechanics appointed by the distributors. Emergency Service Cell are also operated for attending leakage complaints after working hours of distributorships and on holidays.