

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

UNSTARRED QUESTION NO:3303
ANSWERED ON:10.08.2015
Testing Norms of Gas Meter
Somaiya Dr. Kirit

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

- (a) the details of guidelines/testing norms for pipeline gas meter used/installed by Mahanagar Gas Nigam Limited (MGNM) in Mumbai;
- (b) whether any scientific methods/norms prescribed to check gas meter and system followed in Delhi and other parts of the world and if so, the details thereof along with the name of the companies authorized to provide and install such meters at the residence of the consumers;
- (c) whether the services of MGNM has started in Mumbai and if so, the details thereof along with number of gas connections given during the last three years and the current year, year-wise; and
- (d) the details of applications for connections are pending till date along with action taken by the Government in this regard?
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Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DHARMENDRA PRADHAN)

(a) & (b): Petroleum and Natural Gas Regulatory Board (Technical Standards and Specifications including Safety Standards for City or Local Natural Gas Distribution Networks) Regulations 2008 mandate the City Gas Distribution companies to follow European Standard BS (British Standard) :1359/BS 4161 for Diaphragm gas meters.

Mahanagar Gas Limited (MGL) and Indraprastha Gas Limited (IGL) check the performance of gas meters installed at the residences of their consumers by installing a master meter in series with such gas meters.

The master meter used by MGL and IGL is calibrated and certified by M/s Fluid Control and Research Institute (FCRI), Pallakad, Kerala.

Gas meters installed by MGL are granted type approval by Government of India and conforms to the Legal Metrology Act 2009. These meters are calibrated by the manufacturers at their workplace. As per MGL, in developed nations e.g. UK, Canada and Massachusetts (USA) -

I. Model approval of meter is carried out by nodal agencies appointed by the Government.

II. Prototype of the meter is tested for performance, reliability and accuracy from accredited laboratories by the Manufacturer and the approval is submitted to Nodal agency for type approval.

III. After getting type approval, the manufacturer gets the meter stamped by the Government appointed agency to certify that it conform to original pattern approval and accuracy. New meters are tested on sample basis.

(c): MGL started commencement of City Gas Distribution operations in Mumbai in 1995 and has spread its network of Piped Natural Gas (PNG) and Compressed Natural Gas (CNG) supply in its authorised areas of Greater Mumbai, Mira-Bhayander, Thane City, Navi Mumbai, Kalyan, Dombivali, Ambernath, Badlapur, Ulhasnagar, Bhiwandi, Kharghar, Panvel and Taloja. To spread the convenience of safe, reliable and environment- friendly PNG and CNG, MGL is fast spreading its network to cater to the increasing demand.

Numbers of domestic connection provided by MGL in and around Mumbai in last three financial years and current financial year are given below:

FY 2012-13 (Nos.) FY 2013-14 (Nos.) FY 2014-15 (Nos.) FY 2015-16
(till July'15) (Nos.)

83,070 64,744 95,095 23,260

(d): MGL has informed that about 28,639 registered customers are pending for conversion as on August 2, 2015. The Government periodically reviews the progress of PNG coverage by CGD entities.
