

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS**

**LOK SABHA**

**UNSTARRED QUESTION NO. 2830**

**TO BE ANSWERED ON DECEMBER 05, 2019**

**EARTHQUAKE RESISTANT BUILDINGS UNDER 'HOUSING FOR ALL'**

**NO. 2830. SHRI RITESH PANDEY:**

**Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:**

- (a) whether the Government has any plan to construct earthquake resistant buildings under its 'Housing for All' scheme and if so, the details thereof;**
- (b) whether the Government has prescribed any guidelines or standards for earthquake resistant constructions for private use real estate projects; and**
- (c) if so, the details thereof and if not, the details of an alternate competent authority in this regard?**

**ANSWER**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS**

**(SHRI HARDEEP SINGH PURI)**

**(a): Pradhan Mantri Awas Yojana – Housing for All (Urban) Mission scheme guidelines stipulates that the houses under the Mission should be designed and constructed to meet the requirements of structural safety against earthquake, flood, cyclone, landslides**

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**etc. conforming to National Building Code and other relevant Bureau of Indian Standards (BIS) Codes.**

**(b) & (c): The BIS has brought out a series of Indian standards for earthquake resistant design and construction of buildings. The (NBC) of India through its various sections also provides provisions for disaster resistant planning and construction of buildings. The NBC of India 2016 has necessary administrative and technical provisions for safety of structures against earthquakes and other hazards. Earthquake resistant codes and relevant provisions of NBC are required to be followed mandatorily for safety against earthquake hazards.**

**Besides the above, the Vulnerability Atlas of India that gives State-wise hazard maps with respect to different types of hazards based on the materials used for walling and roofing of the building is periodically revised and guidelines, manuals on earthquake resistant design and construction of housing are brought out.**

**In order to create awareness and educate the various stakeholders, Building Materials and Technology Promotion Council (BMTPC), an autonomous organization under the aegis of Ministry of Housing and Urban Affairs has recently started e-learning course on Vulnerability Atlas of India.**

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