

**GOVERNMENT OF INDIA  
HOME AFFAIRS  
LOK SABHA**

UNSTARRED QUESTION NO:3779  
ANSWERED ON:05.08.2014  
EARTHQUAKE RESISTANT BUILDINGS  
Gaddigoudar Shri Parvatagouda Chandanagouda

**Will the Minister of HOME AFFAIRS be pleased to state:**

- (a) whether the Government has developed new standards for construction of Earthquake Resistant Buildings in the country; and  
(b) if so, the details thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI KIREN RIJU)

(a) & (b): The Bureau of Indian Standards under the administrative control of Ministry of Consumer Affairs, Food and Public Distribution has published a series of Indian Standards in the field of Earthquake Engineering. The details of the list of standards published by BIS are given below:

SlNo.	IS No.	Title
1	IS 1893:1984 (Reaffirmed in 2013)	Criteria for earthquake resistant design of structures (fourth revision)
2	IS 1893 (Part 1): 2002 (Reaffirmed in 2012)	Criteria for earthquake resistant design of structures : Part 1 General Provisions and buildings (fifth revision)
3	IS 1893 (Part4): 2005 (Reaffirmed in 2010)	Criteria for earthquake resistant design of structures: Part 4 Industrial structures including stack like structures
4	IS 4326:2013	Code of practice for earthquake resistant design and construction of buildings (third revision)
5	IS 13827:1993 (Reaffirmed in 2013)	Improving earthquake resistance of earthen buildings - Guidelines
6	IS 13828 :1993 (Reaffirmed in 2013)	Improving earthquake resistance of low strength masonry buildings - Guidelines
7	IS 13920:1993 (Reaffirmed in 2013)	Ductile detailing of reinforced concrete structures subjected to seismic forces- Code of practice
8	IS 13935:2009 (Reaffirmed in 2013)	Seismic evaluation, repair and strengthening of masonry buildings - Guidelines (first revision)
9	IS 15988:2013	Seismic Evaluation and Strengthening of Existing Reinforced Concrete Buildings - Guidelines.