



CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

No. DGW/MAN/46

ISSUED BY AUTHORITY OF DIRECTOR GENERAL OF WORKS

NIRMAN BHAWAN, NEW DELHI

26 April, 2000

LIFE OF BUILDINGS AND CERTIFICATE OF SOUNDNESS THEREFOR

Cases have come to the notice of this Directorate where buildings constructed by CPWD have shown early signs of distress. Buildings properly designed in accordance with BIS guide-lines and constructed in accordance with CPWD specifications are expected to live their full life time. It is, therefore, enjoined upon all CPWD officers to be extremely careful in planning, designing and construction of buildings so as to ensure that the buildings serve properly during their expected economic life under the normal use and maintenance. For various types of buildings, the economic life shall be taken as below :

1. Monumental structures	100 years
2. R.C.C. framed structures	75 years
3. Load bearing structures	55 years
4. Semi-permanent structures	30 years

2. Before according Technical Sanction to detailed estimates, the authority competent to accord such sanction shall ensure that the design and specifications etc. of the building are rich enough to provide the desired life to it. In the 'Design and Scope' column of the estimate, it shall be specifically mentioned that ' Under normal use and maintenance, the building is expected to have an economic life ofyears'.

This procedure shall be adopted in respect of all works for which Technical Sanction is issued on or after 1.6.2000.

(P.K.Mathur)

Superintending Engineer (C&M)

File No. CSQ/SE/CM/Tech. Bd.

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