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CodeMaster - Seismic Design (2012 IBC / ASCE 7-10)



Synopsis

This 6-page laminated reference guide provides an easy-to-follow 11-step procedure for seismic design in accordance with the 2012 IBC and ASCE 7-10, with emphasis on the seismic design of a typical one-to-three story building. Illustrations are provided for many of the difficult to understand requirements. Subjects addressed include determination of mapped spectral response accelerations; consideration of exceptions to the seismic code requirements; Seismic Design Category determination; consideration of plan and vertical structural irregularities; determination of seismic base shear, redundancy coefficient and seismic load effects; and compliance with drift control requirements.

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