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# 2012 IBC Structural/Seismic Design Manual Volume 4: Examples For Steel-Framed Buildings



## Synopsis

The 2012 IBC Structural/Seismic Design Manual provides a step-by-step approach to applying the structural provisions of the 2012 International Building Code® and referenced standards. Volume 4 contains code application examples of steel construction. Moment frames and braced frames are analyzed. Volume 4 includes sample structures with steel moment frames or braced frames and steel connections including: Special moment frame Special Concentrically Braced Frame Buckling Restrained Braced Frame Special Plate Shear Walls Eccentrically Braced Frame Multi-panel Ordinary Concentric Braced Frame Metal Deck Diaphragm Design - Flexible and Rigid Diaphragms Special Moment Frame Base Connection Braced Frame Base Plate An excellent reference and study guide for the NCEES Structural Exam. This manual is an invaluable resource for civil and structural engineers, architects, academics and students.

## Book Information

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Useful review/ reference material for the SE exam. In-depth example problems that are also useful for reference at work regardless of where you live in the USA.

This is an excellent reference manual for all levels of structural engineers. I have all five volumes and they are all excellent. You can use Volume 1 almost everyday in the West Coast.

Great book. Perfect.

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