

Action Plan for Performance Based Seismic Design (Fema 349) (Paperback)

By Federal Emergency Management Agency

Createspace Independent Publishing Platform, United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Recent decades have seen a dramatic earthquake related losses. In the past ten years estimated losses were twenty times larger than in the previous 30 years combined. FEMAs expenditures related to earthquake losses have become an increasing percentage of its disaster assistance budget. Predictions are that future single earthquakes, which will inevitably occur, may result in losses of \$50-100 billion each. Losses are rising due to several factors. These include: a denser population of buildings being located in seismically active regions. an aging building stock and the increasing cost of business interruption. Nonstructural and contents damage are also large contributors to loss, especially in regions with high-technology manufacturing and health-care industries. It is this increase in losses from all hazards that has led FEMA to support actions to reduce future losses. One of these is Project Impact, an initiative to encourage loss reduction activities through partnerships at the local community level. One of the key components of Project Impact is the community s adoption and enforcement of an adequate building code. Performance Based Seismic Design (PBSD) is a methodology...



Reviews

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