

**A Comparison of Seismic Provisions Between The  
International Building Code 2003  
and  
Mexico's Manual of Civil Works 1993**

**A research paper in partial fulfillment of the  
requirements for the degree of**

**Masters of Science  
In  
Engineering: Structural/Earthquake**

**by**

**Glenn Albert Gannon**

**San Francisco, California**

**May, 2005**

## CERTIFICATION OF APPROVAL

I certify that I have read *A Comparison of Seismic Provisions Between The International Building Code 2003 and Mexico's Manual of Civil Works 1993* by Glenn Albert Gannon, and that in my opinion this work meets the criteria for approving a written research paper submitted in partial fulfillment of the requirements for the degree: Masters of Science in Engineering: Structural/Earthquake.

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Wenshen Pong  
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A Comparison of Seismic Provisions Between The  
International Building Code 2003  
and  
Mexico's Manual of Civil Works 1993

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2005

Abstract

This project focuses on the differences and similarities between the seismic provisions of the *International Building Code 2003* (IBC 2003) and *Mexico's Manual of Civil Works for Seismic Design* (MOC-93). Although the application of these seismic codes is limited to their respective countries, the United States of America and Mexico, there has always been some degree of interest as to why the two codes from these neighboring countries vary. Both seismic codes share the common goal of protecting the welfare and well being of the public, but prove to differ from each other based on the nature of their respective country's seismicity, geology, construction practices, and political environments.

I certify the Abstract is a correct representation of the content of this research paper.

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Committee Chair

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Date