

STEEL MOMENT FRAME ADVISORY NO. 3

SAC Joint Venture

a partnership of:

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Foreword

This Advisory No. 3 is the third in a series of advisories on engineering issues related to the Steel Moment-Resisting Frame Connection, published by the SAC Joint Venture. The first two advisories were anthologies of papers, emergency code changes, inspection procedures and design details suggested by various parties. This third advisory consists of a synopsis of conclusions and recommendations developed by participants of an SAC-sponsored workshop held on October 28-29, 1994. **The opinions expressed herein do not necessarily reflect the views of SAC, the Joint Venture partners, the California Office of Emergency Services or the Federal Emergency Management Agency. The reader is cautioned to review the material carefully.** The advisory is intended to convey the latest available information on seismic issues related to steel moment frame connections. Information contained herein must be used together with sound engineering judgment when applied to specific engineering projects.

Acknowledgment

The SAC Joint Venture wishes to offer grateful acknowledgment to the California Office of Emergency Services and the Federal Emergency Management Agency. Following the discovery of severe damage to steel moment-resisting frame buildings in the Northridge Earthquake, these agencies recognized the significance of this issue to the engineering community as well as the public at large, and acted rapidly to provide the necessary funding to allow the SAC advisories to be developed, published and distributed. Without the support of these agencies, the important information and material presented herein could not have been made available.

SAC also wishes to recognize the American Institute of Steel Construction (AISC), the American Iron and Steel Institute (AISI), the American Welding Society (AWS) and the Structural Shape Producers Council (SSPC), for the contribution of invaluable advice and assistance.

The SAC Joint Venture

SAC is a joint venture of the Structural Engineers Association of California, Applied Technology Council, and California Universities for Research in Earthquake Engineering. For further information or to order publications, contact the SAC administrative office:

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