Significant Changes to the Minimum Design Load Provisions of ASCE 7-16

Other Titles of Interest

- ASCE 7 Hazard Tool. (ASCE, 2017). Delivers a quick, efficient way to look up key design parameters specified by Standard ASCE/SEI 7-10 and 7-16 through a web-based application that retrieves load data for each of seven hazards, visualizes them on a map, and generates a unified report of results. (https://asce7hazardtool.online/)
- ASCE 7 Online. (ASCE, 2017). Provides digital access by subscription to both ASCE 7-10 and 7-16 versions of *Minimum Design Loads and Associated Criteria for Buildings and Other Structures*. Exclusive features include: side-by-side view of Provisions and Commentary; redlining; real-time updates; annotation and sharing tools; robust searching; and toggling between customary and metric units. (http://asce7.online)
- Minimum Design Loads and Associated Criteria for Buildings and Other Structures, ASCE/ SEI 7-16. (ASCE Standard, 2017). Provides requirements for general structural design and includes means for determining dead, live, soil, flood, wind, snow, rain, atmospheric ice, and earthquake loads and their combinations that are suitable for inclusion in building codes and other documents. A detailed commentary of explanatory and supplementary information is included. (ISBN 978-0-7844-1424-8)
- Snow Loads: Guide to the Snow Load Provisions of ASCE 7-16, by Michael O'Rourke, Ph.D., P.E. (ASCE Press, 2017). Sets forth a detailed and authoritative interpretation of the snow load provisions of Minimum Design Loads and Associated Criteria for Buildings and Other Structures, Standard ASCE/SEI 7-16. (ISBN 978-0-7844-1456-9)
- Visit http://www.asce.org/asce-7/ for a complete list of products associated with the ASCE 7 Standard.

- Significant Changes to the Seismic Load Provisions of ASCE 7-10: An Illustrated Guide, by S. K. Ghosh, Susan Dowty, and Prabuddha Dasgupta. (ASCE Press, 2011). Describes the revisions to the seismic requirements set forth in Standard ASCE/SEI 7-10. (ISBN 978-0-7844-1117-9)
- Significant Changes to the Wind Load Provisions of ASCE 7-10: An Illustrated Guide, by T. Eric Stafford. (ASCE Press, 2010). Summarizes changes to the wind load requirements set forth in Standard ASCE/SEI 7-10. (ISBN 978-0-7844-1116-2)

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Preface

Significant Changes to the Minimum Design Load Provisions of ASCE 7-16 is intended to familiarize structural engineers, architects, code officials, and others in the building construction and design industry to the changes to the design load requirements of the newest edition of Minimum Design Loads and Associated Criteria for Buildings and Other Structures, ASCE/SEI Standard 7-16. This reference book is organized into six parts that generally follow the organization of ASCE 7-16. While not all changes to ASCE 7-16 are shown in this reference, the ones that would be of most interest or those that would have the significant impact on the industry is discussed in detail. Most of the changes addressed include the reason for the change in addition to diagrams, examples, and/or color photographs and illustrations to enrich the reader's understanding. This reference is best used as a companion to ASCE 7-16 and not a replacement as only a small portion of the complete text of ASCE 7-16 is shown. The commentary and opinions provided are those of the authors and do not necessarily represent the official position of ASCE.

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