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Minimum Design Loads For Buildings And Other Structures, 3rd Printing (Standard ASCE/SEI 7-10)



Synopsis

Minimum Design Loads for Buildings and Other Structures, ASCE/SEI 7-10, provides requirements for general structural design and includes means for determining dead, live, soil, flood, snow, rain, atmospheric ice, earthquake, and wind loads, as well as their combinations, which are suitable for inclusion in building codes and other documents. This Standard, a revision of ASCE/SEI 7-05, offers a complete update and reorganization of the wind load provisions, expanding them from one chapter into six. The Standard contains new ultimate event wind maps with corresponding reductions in load factors, so that the loads are not affected, and updates the seismic loads with new risk-targeted seismic maps. The snow, live, and atmospheric icing provisions are updated as well. In addition, the Standard includes a detailed Commentary with explanatory and supplementary information designed to assist building code committees and regulatory authorities. The third printing of Standard ASCE/SEI 7-10 incorporates errata and includes Supplement 1. In addition, the seismic commentary has been expanded and completely revised. Standard ASCE/SEI 7 is an integral part of building codes in the United States. Many of the load provisions are substantially adopted by reference in the International Building Code and the NFPA 5000 Building Construction and Safety Code. Structural engineers, architects, and those engaged in preparing and administering local building codes will find the structural load requirements essential to their practice. Note: Purchasers of the first and second printings of this Standard 7-10 can download the errata and Supplement 1. www.asce.org/sei/errata The expanded seismic commentary can be downloaded from the ASCE Library (free with registration) [dx.doi.org/10.1061/9780784412916](https://doi.org/10.1061/9780784412916).

Book Information

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Customer Reviews

How do you rate a book like this? I already had ASCE 7-5, but the planchecker said I had to use 7-10 for the wind load. I gave it 4 stars instead of 3 because the simplified (a joke?) wind method is faster than 7-5. Other than that it's about the same. Insomnia? 20 minutes with this and you'll go right to sleep.

The version that i got was alot cheaper than anywhere else and it took the same amount of time or less to get here as barnes and noble wouldve taken cuz they dont keep it in stock at their stores anyways.

It was confusing to figure this out with all of the restrictions. It's like downloading for an iPod. Know the restrictions.

I am a Professional Engineer in Florida. The ASCE 7-02 Design Loads form the basis for most building codes. It is absolutely necessary for working professionals to be familiar with this publication.

Newest issue has not been officially accepted yet, but that technically is usually not far behind.

As a student in Architectural Engineering, this book is very useful for all loading types.

Good price for this Civil Engineering reference. I use this code on a daily basis. Nice to get it at a discounted rate and free/fast shipping.

Manual was exactly what I wanted and need for my work as a structural engineer. I will continue to buy the manuals as they are updated.

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