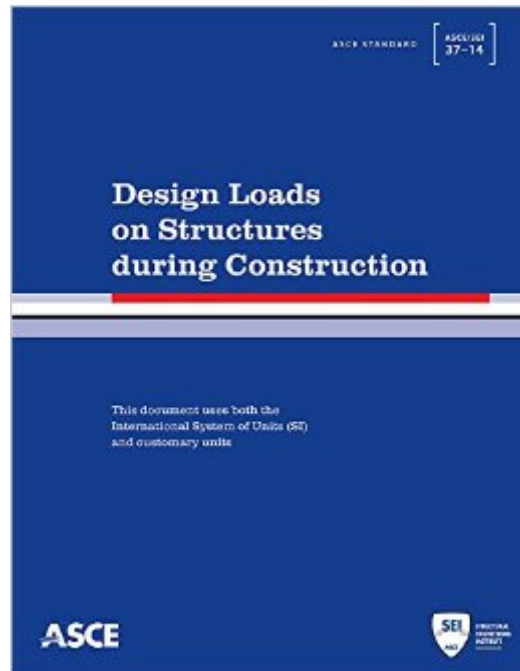


The book was found

# Design Loads On Structures During Construction (Standard ASCE/SEI 37-14)



## Synopsis

Design loads during construction must account for the often short duration of loading and for the variability of temporary loads. Many elements of the completed structure that provide strength, stiffness, stability, or continuity may not be present during construction. Design Loads on Structures during Construction, ASCE/SEI 37-14, describes the minimum design requirements for construction loads, load combinations, and load factors affecting buildings and other structures that are under construction. It addresses partially completed structures as well as temporary support and access structures used during construction. The loads specified are suitable for use either with strength design criteria, such as ultimate strength design (USD) and load and resistance factor design (LRFD), or with allowable stress design (ASD) criteria. The loads are applicable to all conventional construction methods. Topics include: load factors and load combinations; dead and live loads; construction loads; lateral earth pressure; and environmental loads. Of particular note, the environmental load provisions have been aligned with those of Minimum Design Loads for Buildings and Other Structures, ASCE/SEI 7-10. Because ASCE/SEI 7-10 does not address loads during construction, the environmental loads in this standard were adjusted for the duration of the construction period. This new edition of Standard 37 prescribes loads based on probabilistic analysis, observation of construction practices, and expert opinions. Embracing comments, recommendations, and experiences that have evolved since the original 2002 edition, this standard serves structural engineers, construction engineers, design professionals, code officials, and building owners.

## Book Information

Series: Standard ASCE/SEI 37 -14

Paperback: 48 pages

Publisher: American Society of Civil Engineers (February 27, 2015)

Language: English

ISBN-10: 0784413096

ISBN-13: 978-0784413098

Product Dimensions: 10.6 x 8.2 x 0.3 inches

Shipping Weight: 0.3 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #180,984 in Books (See Top 100 in Books) #56 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural](#)

## Customer Reviews

A book necessary for those taking the PE exam!

[Download to continue reading...](#)

Design Loads on Structures during Construction (Standard ASCE/SEI 37 -14) Seismic Design Using Structural Dynamics (2006 IBC, 2009 IBC, ASCE/SEI 7-05) Design of Buildings for Wind: A Guide for ASCE 7-10 Standard Users and Designers of Special Structures Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7 - 10 Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7-05 Wind Loads: Guide to the Wind Load Provisions of ASCE 7-10 Seismic Design of Piers and Wharves: (Standard ASCE/Copri 61-14) 2012 Wood Design Package - including the National Design Specification® for Wood Construction (NDS®) & NDS Supplement: Design Values for Wood Construction (4 volumes set) Wind Loads on Structures Sei personaggi in cerca d'autore (Annotated) (Italian Edition) CodeMaster - Seismic Design (2012 IBC / ASCE 7-10) CodeMaster - Seismic Design Category [2012 IBC / ASCE 7-10] (CodeMasters) Drugs During Pregnancy and Lactation, Third Edition: Treatment Options and Risk Assessment (Schaefer, Drugs During Pregnancy and Lactation) Construction Law for Design Professionals, Construction Managers and Contractors Design and Analysis of Composite Structures: With Applications to Aerospace Structures Algorithms: C++: Data Structures, Automation & Problem Solving, w/ Programming & Design (app design, app development, web development, web design, jquery, ... software engineering, r programming) Gun Digest's Concealed Carry Guns & Handgun Ammo eShort Collection: Handguns and loads for personal protection recommended by Massad Ayoob. (Concealed Carry eShorts) Sixgun Cartridges and Loads: A Manual Covering the Selection, Use and Loading of the Most Suitable and Popular Revolver Cartridges Texas Home Cooking: 400 Terrific and Comforting Recipes Full of Big, Bright Flavors and Loads of Down-Home Goodness (America Cooks) Structural Loads Analysis for Commercial Aircraft: Theory and Practice (American History Through Literature)

[Dmca](#)