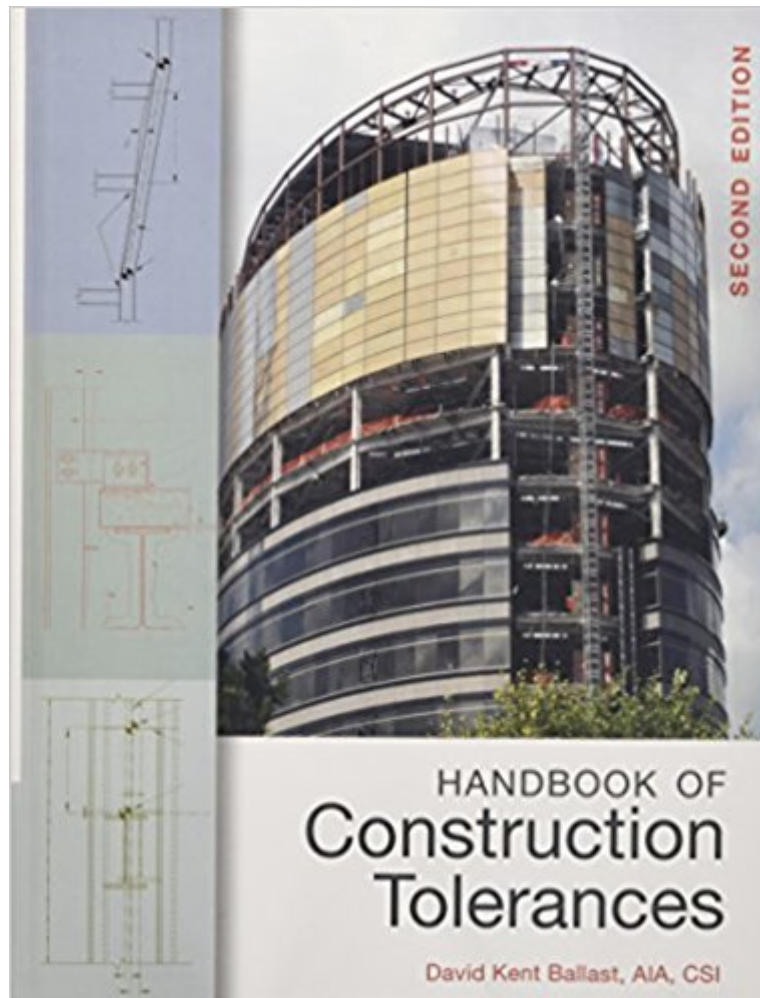




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Handbook Of Construction Tolerances



Synopsis

The comprehensive guide to construction tolerances, newly revised and updated How much may a steel frame be out of plumb? What are the expected variations of a precast concrete panel? What is required to successfully detail finish materials on masonry? Updating and expanding on its popular first edition, the Handbook of Construction Tolerances, Second Edition remains the only comprehensive reference to the thousands of industry standard tolerances for the manufacture, fabrication, and installation of construction materials and components-- including all-important accumulated dimensional variations. Covering new materials and techniques developed since the book was first published, the Second Edition of this easy-to-use reference features:

- * More than 100 drawings illustrating the tolerance concepts
- * New sections on measuring compliance with tolerance standards; right-of-way construction; autoclaved aerated concrete; tilt-up concrete panels; interior stone wall cladding; structural insulated panels; decorative architectural glass; laminated architectural flat glass and bent glass
- * New guidelines on how to incorporate tolerance requirements in drawings and specifications
- * New information on how to apply tolerance information during contract administration

With the Handbook, architects, engineers, contractors, interior designers, lawyers, and others involved in the construction industry will be armed with the information they need to design and detail more accurately, write better specifications, establish normal practice and standards of care, supervise construction, settle worksite disputes, and save time and money at every stage of building.

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Customer Reviews

The comprehensive guide to construction tolerances, newly revised and updated How much may a steel frame be out of plumb? What are the expected variations of a precast concrete panel? What is required to successfully detail finish materials on masonry? Updating and expanding on its popular first edition, the Handbook of Construction Tolerances, Second Edition remains the only comprehensive reference to the thousands of industry standard tolerances for the manufacture, fabrication, and installation of construction materials and components—including; including all-important accumulated dimensional variations. Covering new materials and techniques developed since the book was first published, the Second Edition of this easy-to-use reference features: More than 100 drawings illustrating the tolerance concepts New sections on measuring compliance with tolerance standards; right-of-way construction; autoclaved aerated concrete; tilt-up concrete panels; interior stone wall cladding; structural insulated panels; decorative architectural glass; laminated architectural flat glass and bent glass New guidelines on how to incorporate tolerance requirements in drawings and specifications New information on how to apply tolerance information during contract administration With the Handbook, architects, engineers, contractors, interior designers, lawyers, and others involved in the construction industry will be armed with the information they need to design and detail more accurately, write better specifications, establish normal practice and standards of care, supervise construction, settle worksite disputes, and save time and money at every stage of building.

David Kent Ballast, AIA, CSI, a registered architect, has owned Architectural Research Consulting since 1981. The consulting firm offers applied research, technical advice, specifications, and information management services to architects, interior designers, and others in the construction industry. Since 1987, Ballast has been an instructor in Interior Construction and Basic Drafting at Arapahoe Community College. He is the author of a number of books on construction technology.

Excellent book for anyone involved in the construction trade or design professionals working out in the field. Useful for spec writers also.

This is the essential reference about tolerances - nobody else treats the subject as fully. If you consult for construction law attorneys get this book.

this is the third one i bought, gave two away. if you are looking for a great book for your collection.

Every practicing architect has to learn the difference between what is drawn and what is actually constructable -- and tolerances are a big part of that educational leap. I can't count the number of times I've had to search some standard -- or first of all, to figure out which standard -- so that my response to a question isn't simply "because I said so". I really think that a copy of this book belongs with every project team, and especially once the project goes into construction. This will cut back on the conflicts between the architect's seeking perfection, and the contractors saying "but this was good enough on the last job!"

Great book for designers and contractors. Helps me explain issues early in the pre-construction/planning process, with great graphics.

This is a great book for anyone in the design and construction industry. It contains lots of helpful hint for those detailing both interior and exterior environments

Good general guide. Sets realistic expectations from a field construction perspective on a variety of situations. Hardback is not necessary.

Tolerances in construction were available to those willing to wade through numerous sources. Here all of the construction tolerances are available for quick review.

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ISO 13920:1996, Welding - General tolerances for welded constructions - Dimensions for lengths and angles - Shape and position
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