

# Tall and Super Tall Buildings: Planning and Design (Mechanical Engineering)

By Akbar R. Tamboli



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## In-depth coverage of the latest tall and super tall building designs and examples from around the world

Featuring contributions from 30 global experts involved in the planning and design of the structures covered in this book, *Tall and Supertall Buildings* describes the technical developments and special design features used for these landmark buildings:

Sears Tower \* Taipei 101 \* Burj Khalifa \*
Petronas Towers \* Shanghai Tower \* Kingdom Tower

This authoritative resource addresses HVAC systems, sustainability, geotechnical and foundation engineering, wind engineering, and more. Construction photographs and detailed diagrams are included throughout. This is the definitive guide for engineers, architects, project managers, building inspectors, and anyone involved in the planning and design of tall and supertall buildings.



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About the Author

**Akbar Tamboli, P.E., F.ASCE,** is senior vice president and principal at Thornton Tomasetti structural engineers, one of the foremost structural engineering firms. He was formerly vice president and project manager with Cantor Seinuk consulting engineers in New York, where he was responsible for several major projects. A fellow of the American Society of Civil Engineers and a professional engineer, Mr. Tamboli is the editor of *Steel Design Handbook: LRFD Method* and *Handbook of Structural Steel Connection Design and Details*, now in its second edition.

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