

Above Ground Storage Tanks: Practical Guide to Construction, Inspection, and Testing

By Sunil Pullarcot



Above Ground Storage Tanks: Practical Guide to Construction, Inspection, and Testing By Sunil Pullarcot

Covers All Site Activities after Design

Above Ground Storage Tanks: Practical Guide to Construction, Inspection, and Testing is an ideal guide for engineers involved in the mechanical construction of above ground storage tanks. This text details the construction of storage tanks in accordance with the American Petroleum Institute requirements for API 650, and is the first book to cover every stage subsequent to the design of storage tanks. The author focuses on the mechanical construction, inspection, and testing of storage tanks and all aspects on-site after design, and explains the relevance of code requirements. In addition, he incorporates real-world applications based on his own experience, and provides a host of practical tips, useful in avoiding repair and reworks during construction of storage tanks.

- Presents material compiled according to the requirements of API 650 for the construction of storage tanks
- Includes coverage of the practical aspects of tank farm layout, design, foundation, erection, welding, inspection and testing
- Explains the details of construction /welding sequences and NDT with simple sketches and tables
- Spells out applicable codes and specifications, and provides logical explanations of various code requirements

A reference for beginners and practitioners in the construction industry, **Above Ground Storage Tanks: Practical Guide to Construction, Inspection, and Testing** contains valuable information on API 650 code requirements and specifications, and the construction of above ground storage tanks.

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Editorial Review

Review

"This book provides a detailed know-how for the construction of storage tanks and their testing and maintenance. This book can serve as a practical handbook to derive all of the information in one place for engineering and safety management of storage tanks."

?Vladimir Strezov, Macquarie University, Sydney, Australia

"Since I have been reading books on tanks, I have not seen or read details about tank construction as a whole. This is a masterpiece."

?Dr. Ehigiator Irughe, Raphael, GeoSystems and Environmental Engineering/University of Benin

About the Author

Sunil Pullarcot is currently a specialized inspection consultant with the Kuwait Oil Company and has more than 33 years of experience in the industry. He received a bachelor of science in mechanical engineering from the University of Kerala (College of Engineering, Trivandrum), and a master of technology in mechanical production from the Cochin University of Science and Technology (CUSAT). His work has been featured in numerous journals, and he is also the author of a book on pressure vessel manufacturing.

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