

Deep Excavations

A practical manual

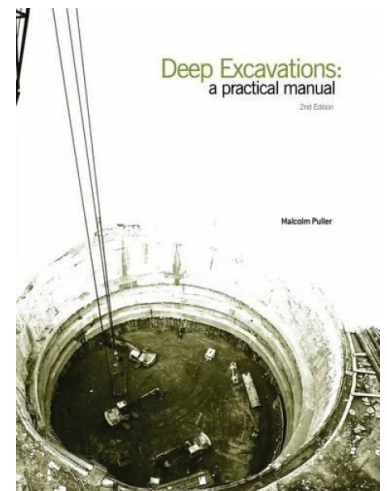
Malcolm John Puller

About the Book

This book assembles the practical rules and details for the efficient and economical execution of deep excavations. It draws together a wealth of experience of both design and construction from published work and the lifetime practice of the author.

This second edition is extensively revised to include changes in design emphasis including those due to Eurocode 7 and descriptions of the latest equipment, construction techniques and geotechnical processes. Additional details include those of the latest piling and diaphragm wall equipment and innovations in top-down construction applied to basements and cut-and-cover works. The section on caissons has been expanded to include design methods.

The successful conceptual design of temporary and permanent works for the support of deep excavations requires both freshness of ideas and experience of similar construction. The purpose of this book is to present varied international examples in sufficient detail to allow this to succeed.



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