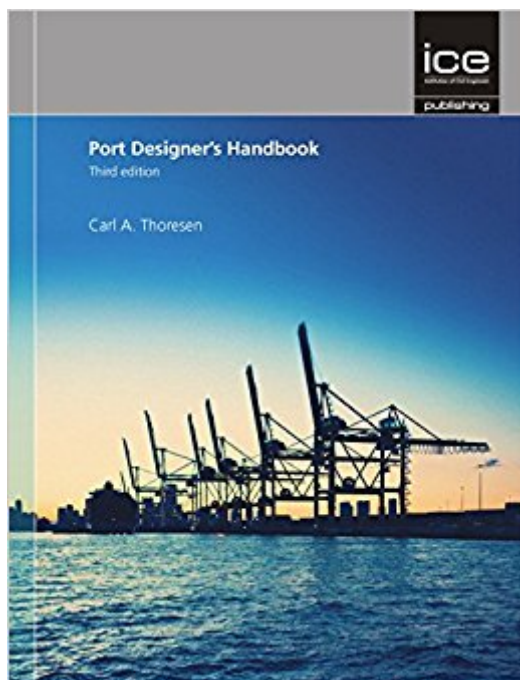


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# Port Designers' Handbook, 3rd Edition



## Synopsis

This comprehensively updated new edition to the bestselling Port Designer's Handbook, gives essential guidance and recommendations for the layout, design and construction of modern port structures for practising port and harbour consulting engineers and contractors involved in the layout, design and construction of berth and harbour structures. The third edition has been extensively revised to include the different berth structures required as a result of new cargo handling equipment affecting the loadings acting upon berth structures and larger vessels requiring increased water depth and, in line with PIANC recommendations, for the design of larger, more efficient container terminals. Further advances in knowledge since the last edition published are included with specific updates in the calculation of wind, current and waves forces and general safety calculations, recommendations and evaluation. Contents: 1. Safety considerations 2. Types of berth structures 3. Gravity-wall structures 4. Sheet pile wall structures 5. Open berth structures 6. Berth details 7. Container terminals 8. Fenders 9. Erosion protection 10. Steel corrosion 11. Underwater concreting 12. Concrete deterioration 13. Concrete repair 14. Port maintenance 15. Ship dimensions 16. Definitions 17. Conversion factors

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## Customer Reviews

Great reference. I've used the 2nd Ed. of this book until recently. A number of other engineers in my office also use this book for quick reference. The best part about this book is that it also contains the original reference chapter by chapter, so you can back track most of the information stated in this

book, and includes equipment by manufacturers that we regularly use. Definitely recommend this book, I'm not aware of any other book as good as this one is.

The original printing was excellent, but the 2nd and 3rd editions both have errors in descriptions and equations (the 2nd edition is MUCH worse), making them suspect at best and utterly useless at worst as a reference guide.

Excellent book the author is an expert and was successful transmitting the knowledge to the paper !

Port Designers` Handbook offers a massive and excellent information about port construction and Terminal Operation. Its really the best book of Port Engineering.

An excellent reference for any port engineer or port planner. Haven't seen better

This edition of the Port Designer's Handbook is an outdated version and members should have been made aware that a Second Edition has been on the market for some time. Also should discount outdated books rather than try and sell at premium retail price. I only found out once I received the copy from and a colleague who brought it to my attention. I have since returned the book to at some considerable postal expense. Because I needed this book for my business I subsequently got the current Edition from Telfords in the UK. It raises the question of how many other technical books that has listed are out of date! Regards Alastair MacLeod

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