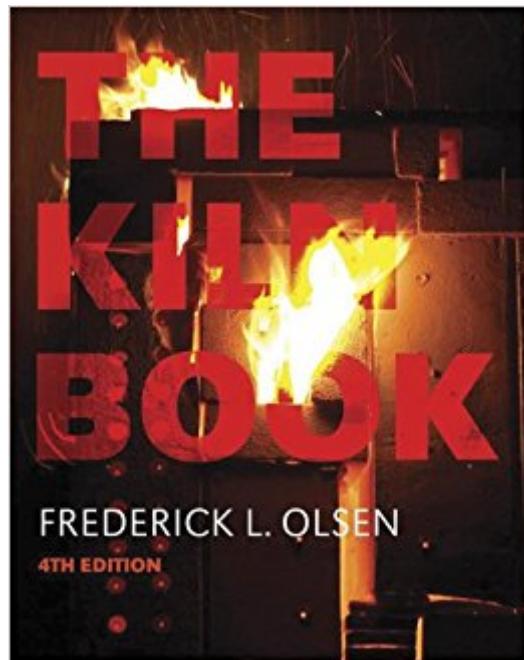


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# The Kiln Book



## Synopsis

The Kiln Book is the definitive guide to pottery kiln construction. Since this breakthrough book was first published more than thirty years ago, it has shown generations of ceramicists how to build safe, economical, and fully functional kilns that meet their specific creative needs. The revised fourth edition continues to cover all aspects of kiln construction through step-by-step instructions and detailed diagrams, with new information on alternative fuels and the latest designs. In The Kiln Book, master potter and kiln builder Frederick L. Olsen thoroughly describes fundamental kiln construction methods and design principles in clear, straightforward language. No one has made more custom kilns in more countries than Olsen. His kiln bible explains the inner workings of crossdraft, downdraft, updraft, and multidirectional draft kilns. It discusses the importance of proper masonry work and gives insights into the variety of refractory materials and their applications. The book also offers expert guidance on firing techniques and optimal firing schedules for various kiln styles. In addition to providing building guidance for the three major types of fuel-fired kilns, The Kiln Book includes information on electric kilns and other specialty designs. The practical instructions and illustrations are supplemented with tables, technical specifications, and other practical data. Richly illustrated with color photographs, building plans, and diagrams, The Kiln Book is an essential text for professional potters who want the freedom and control of firing works in their own kiln and for ceramics educators who wish to share the kiln-building experience with their students.

## Book Information

Paperback: 288 pages

Publisher: University of Pennsylvania Press; 4 edition (October 6, 2011)

Language: English

ISBN-10: 0812221869

ISBN-13: 978-0812221862

Product Dimensions: 10.8 x 8.7 x 0.8 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 8 customer reviews

Best Sellers Rank: #227,846 in Books (See Top 100 in Books) #67 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Pottery & Ceramics

## Customer Reviews

This book is without a doubt the most important published work on ceramic ovens. Ceramica A very comprehensive review of refractory materials, the methods and principles of kiln construction, fuels,

combustion and firing systems and things to watch out for from a safety viewpoint ... I can see and understand how useful and informative this book will be for anyone planning to get or build a new kiln. -- Stephen Dee Studio Pottery --This text refers to an alternate Paperback edition.

For more than forty years Frederick L. Olsen has studied and built kilns on nearly every continent. He is the founder of Olsen Kiln Kits, the first company of its kind in the United States. His pottery has been exhibited all over the world.

Fred knows more about kilns than anyone has a right to know and he shares it with the reader, tons of detailed info about every aspect of kiln design, material etc. Great addition to the library

Amazing amount of technical information on kiln dynamics and firing.

In my case this turned out to be a lot more than I ever wanted to know about kilns. But I'd you want a book that covers it all, this, is it.

Very good!

Great book, very necessary for all potters. Lots of detail, this new edition is very informative. Would highly recommend it.

The book is very technical. But it is the ultimate for kiln building.

This work seemed highly regarded; therefore, I chose it as a guide in my quest to build a Cone 10+ kiln. I found it to be more of a historical review of the author's kiln building experiences than a useful guide. I fully understand the applicability of mathematical references included; yet, could stand a little simplification for those of us who are somewhat challenged or simply not all that interested. That said, those who are more advanced would find this a useful tool. I found Kiln Construction by Joe Finch to be a more practical guide for the neophyte wanna be kiln builder.

Great update. I have a first edition of this book too. This edition has many color photos, new kiln designs, and appears to be a much cleaner presentation of Olson's principles. I wish I would have owned this one first.

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