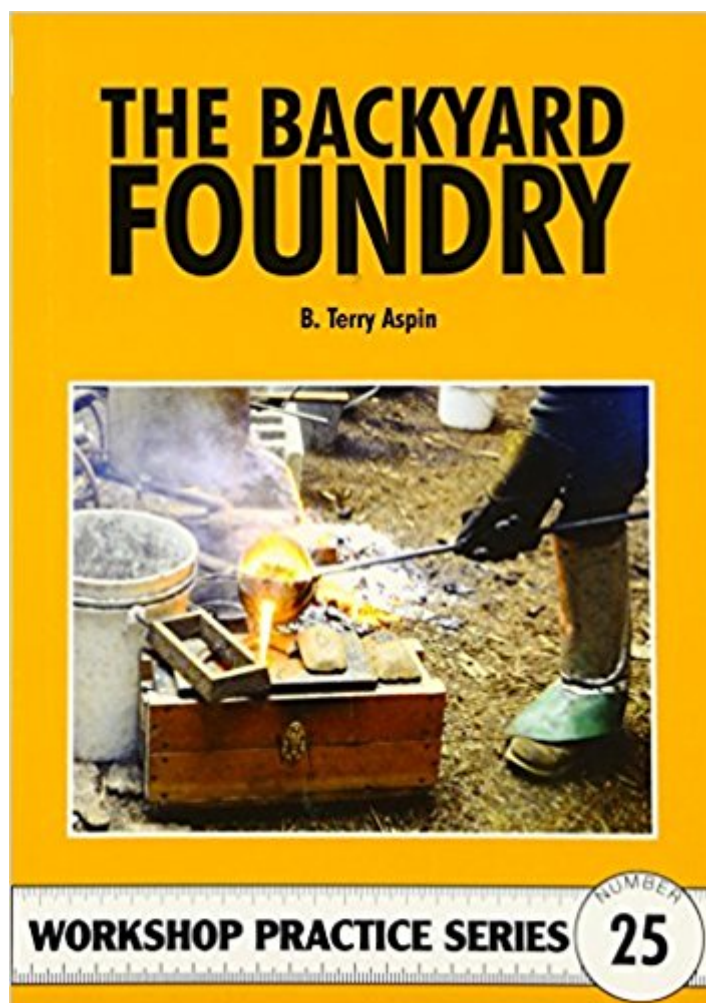


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The Backyard Foundry (Workshop Practice, No. 25)



Synopsis

At one time most towns of any size had somewhere a small foundry which would undertake small casting jobs, often more out of interest and good neighbourliness than for commercial gain. Those days are no more and model engineers in many areas must either adapt commercially available castings or send away to a specialist foundry which will undertake small work, often at some expense and with some delay. The alternative is to set up a home foundry and to make one's own patterns and castings. This text covers all the basic principles of foundry work, describes materials and techniques, pattern-making, moulding boxes, cores and core-boxes, metals, all types of furnaces, and includes step-by-step procedures with examples of cylinders and wheels.

Book Information

Paperback: 90 pages

Publisher: Trans-Atlantic Publications, Inc.; Revised edition (June 10, 1997)

Language: English

ISBN-10: 1854861468

ISBN-13: 978-1854861467

Product Dimensions: 0.2 x 6 x 8.2 inches

Shipping Weight: 4 ounces (View shipping rates and policies)

Average Customer Review: 4.3 out of 5 stars 10 customer reviews

Best Sellers Rank: #653,774 in Books (See Top 100 in Books) #153 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Metallurgy #309 in Books > Crafts, Hobbies & Home > Gardening & Landscape Design > Outdoor & Recreational Areas #2886 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems

Customer Reviews

Awesome little read for those interested in getting started in foundry or casting work... OR just reclaiming and scrapping Aluminum! With the availability of the Internet-most users will quickly grow out of the charcoal foundry- but the molding and gating sections are well worth it! The principal audience is model engineers and railroaders- from the British arena... but like I said- VERY applicable for anyone who has a bit of a good DIY mindset and an imagination! Terry Aspin has a few titles that should all be required reading for the amateur foundryman (or woman!). This book and the Dave Gingery "Charcoal foundry" were my introductions. From here- because these books are a bit general- graduate to the serious foundry work of Steve Chastain's books if you are intent

on diving in or doing anything more technical! Please be safe and have a great day!

This book , as many in the workshop series are, simply a rehash of old information. This is still a handy reference piece to have on hand. It also should be presented to potential purchasers, that many of these are from a strictly British background and viewpoint.

A great series. I collected them all. Really a once-read book but I got a lot of good ideas and information from it.

easy to read, concise book, giving good, solid, yet varied basics on the subject. It gave practical examples for someone to be able to do their own foundry-work on a small scale

Excellent book, with a large amount of useful information .

awesome info

great

The cover of the book is a little misleading since it was written for hobbyists in miniature railroading. It goes beyond that. The book was written originally for hobbyists in Great Britain, by some of the comments on availability of supplies and names of sources for supplies. The universality of the content makes this issue mute when you get into the depth of each chapter. Examples given for making cores and for moulding with "Green" sand are bountifull. As an Engineer with formal classes in casting I was impressed with the information provided. Some of the information was great review for those classes taken so long ago. Addiitional technical information on how and why things are done bolstered my confidence this process can be done by the individual hobbyist. In my case I am turning a hobby into a retirement business, so the value of this small book will have long lasting value. I expect to be wearing this book out by frequent referencing.

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