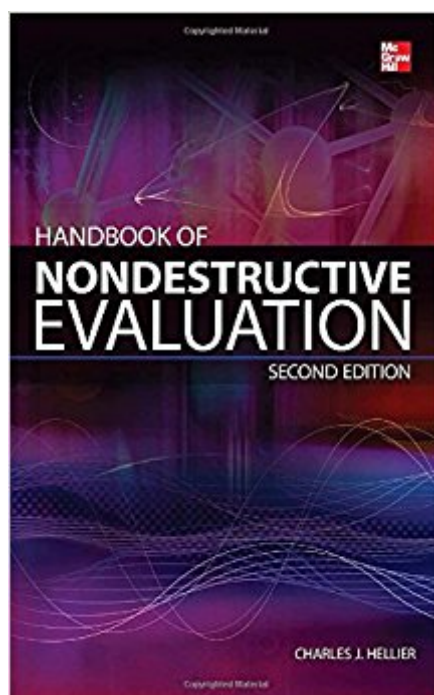


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# Handbook Of Nondestructive Evaluation, Second Edition



## Synopsis

A complete, up-to-date guide to the leading product testing standard Fully revised to cover the latest nondestructive testing (NDT) procedures, this practical resource reviews established and emerging methods for examining materials without destroying them or altering their structure. Handbook of Nondestructive Evaluation, Second Edition offers in-depth details on the background, benefits, limitations, and applications of each method. The book provides advice on how to interpret results and formulate accurate decisions based on your findings. New chapters on digital radiography, ultrasonic phased array testing, and ultrasonic guided wave inspection are included. This is a must-have reference for NDT certification candidates, engineers, metallurgists, quality control specialists, and anyone involved in product design, manufacture, or maintenance. Handbook of Nondestructive Evaluation, Second Edition covers:

- Introduction to nondestructive testing
- Discontinuities • origins and classification
- Visual testing
- Penetrant testing
- Magnetic particle testing
- Radiographic testing
- Ultrasonic testing
- Eddy current testing
- Thermal infrared testing
- Acoustic emission testing
- Digital radiography
- Ultrasonic phased array testing
- Ultrasonic guided wave inspection

## Book Information

Hardcover: 720 pages

Publisher: McGraw-Hill Education; 2 edition (September 11, 2012)

Language: English

ISBN-10: 0071777148

ISBN-13: 978-0071777148

Product Dimensions: 6.2 x 1.6 x 9.4 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 4.9 out of 5 stars • See all reviews • (13 customer reviews)

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## Customer Reviews

I gave this book five stars because it is the best book I have read, regarding NDT/NDE. The authors of this book wrote an earlier edition, similar to this book, and it was great. This book has a way of explaining a sometimes-complex science into "easy to understand" chapters and has added more

advanced methods of testing than the last version. It was clear to me that the authors of this book care very much about what they wrote and seem to want to make it easier for others to understand NDT/NDE.

There is SO much to know in the world of NDT/NDE/NDI and this book has a wealth of knowledge!! I feel safe to assume that it is a college textbook. That being said, some areas are a bit over my head (being that I'm not a mechanical engineering major) but that shouldn't stop you if you have the desire to know more about the industry. I've been in NDT for under a year, a state licensed radiographer for a couple months and feel this book has me well on my way to acquiring more certifications. Not to mention that it has given me a much more thorough understanding of where the industry has come from and where it's going.

Great book for entree level or old salt NDT persons. Book provides good refresher background and past history of the NDT's so not to be overburdened with the technical yet nicely informative of the background to the methods

It must be a great reference. Why else would I buy two copies; one for home, and one for the office? Let's face it, no one mortal person can be all-knowing about all things. That's why I wanted a better understanding of the NDT that I never pretended to know much about, always sticking to what I did feel competent doing. But I always wondered: how does that NDT work? Now I can look it up and be somewhat conversant about different NDT processes and not just sit around shrugging my shoulders. This book is just what I've needed for years; and now I have two of them - just in case.

This book has a lot of stock in it for the price you pay for it. Very good bargain. I recommend this book for all you can learn from it. Very complete.

The book needs better quality pictures, why not in color, and larger size to show details better!! The information content is outstanding!!

I like this book as it has a lot of information regarding the different types of NDT. Even more detailed as I thought it would be.

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