



Handbook of Nondestructive Evaluation (2nd Revised edition)

By Chuck Hellier, Michael Shakinovsky

McGraw-Hill Education - Europe. Hardback. Book Condition: new. BRAND NEW, Handbook of Nondestructive Evaluation (2nd Revised edition), Chuck Hellier, Michael Shakinovsky, Up-to-date details on today's most commonly used and emerging methods of nondestructive testing-including background, explanation, benefits, limitations, applications, and comparisons to destructive testing. Handbook of Nondestructive Evaluation, Second Edition offers unparalleled coverage of the leading product testing standard. This decision-simplifying resource looks at both the major and emerging nondestructive evaluation methods, including visual testing, penetrant testing, magnetic particle testing, radiographic testing, ultrasonic testing, eddy current testing, thermal infrared testing, and acoustic emission testing. Details on the background, benefits, limitations, and applications of each method are provided. In clear, understandable terms, this book shows how to interpret results and formulate the right decisions based on them, making it a welcome guide for engineers, metallurgists, quality control specialists, nondestructive testing personnel, technical managers, and anyone else involved in product design, manufacture, or maintenance. Three new chapters: Phased Array Ultrasonics; Guided Wave Ultrasonics; Digital Radiography A single NDT resource for certification review and testing Covers the latest nondestructive testing methods for a variety of metals, materials, and applications.



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