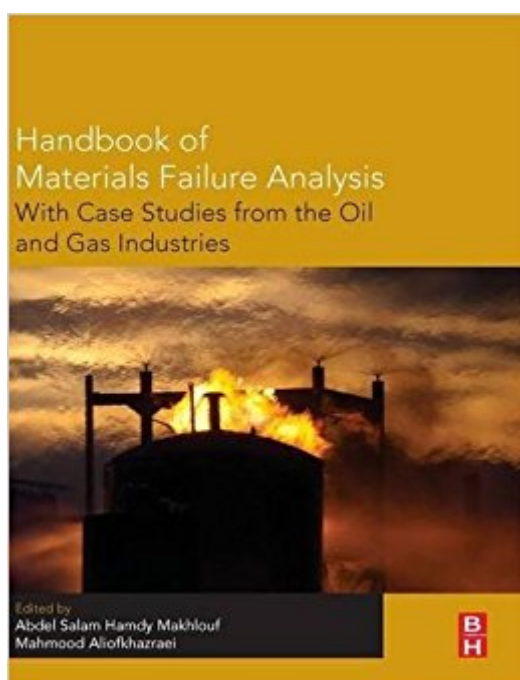


The book was found

Handbook Of Materials Failure Analysis With Case Studies From The Oil And Gas Industry



Synopsis

Handbook of Materials Failure Analysis: With Case Studies from the Oil and Gas Industry provides an updated understanding on why materials fail in specific situations, a vital element in developing and engineering new alternatives. This handbook covers analysis of materials failure in the oil and gas industry, where a single failed pipe can result in devastating consequences for people, wildlife, the environment, and the economy of a region. The book combines introductory sections on failure analysis with numerous real world case studies of pipelines and other types of materials failure in the oil and gas industry, including joint failure, leakage in crude oil storage tanks, failure of glass fibre reinforced epoxy pipes, and failure of stainless steel components in offshore platforms, amongst others. Introduces readers to modern analytical techniques in materials failure analysis Combines foundational knowledge with current research on the latest developments and innovations in the field Includes numerous compelling case studies of materials failure in oil and gas pipelines and drilling platforms

Book Information

Hardcover: 448 pages

Publisher: Butterworth-Heinemann; 1 edition (September 8, 2015)

Language: English

ISBN-10: 0081001177

ISBN-13: 978-0081001172

Product Dimensions: 7.5 x 1 x 9.2 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #817,284 in Books (See Top 100 in Books) #63 in [Books > Engineering &](#)

[Transportation > Engineering > Materials & Material Science > Testing](#) #86 in [Books >](#)

[Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials](#)

#198 in [Books > Engineering & Transportation > Engineering > Materials & Material Science >](#)

[Metallurgy](#)

Customer Reviews

Abdel Salam Hamdy Makhlouf was formerly a Professor at the Faculty of Engineering and Computer Science, University of Texas Pan-American, USA. Mahmood Aliofkhazraei is assistant professor in the department of materials science at the Tarbiat Modares University, where he also earned his master's degree and Ph.D. in corrosion and protection of materials. Dr. Aliofkhazraei has

authored over 60 scientific publications on nanostructured coatings and thin films and has received numerous scientific awards, such as Khwarizmi award. He was selected among the 10 top best nanotechnologists in his country.

[Download to continue reading...](#)

Oil Painting: Learn Oil Painting FAST! Learn the Basics of Oil Painting In No Time (Oil Painting Tutorial, Oil Painting Books, Oil Painting For Beginners, Oil Painting Course, Oil Painting) (Volume 1) Handbook of Materials Failure Analysis with Case Studies from the Oil and Gas Industry Engineering Materials 3: Materials Failure Analysis: Case Studies and Design Implications (International Series on Materials Science and Technology) (v. 3) Coconut Flour Recipes: Your Ultimate Low Carb, Gluten Free & Paleo Friendly Coconut Flour Cookbook (Coconut Oil, Coconut Oil Recipes, Coconut Oil For Weight ... Oil For Beginners, Coconut Oil Miracles) Diffuser Recipes: Essential Oil Diffuser Recipes For Weight Loss, Better Sleep & Fat Loss (Aromatherapy, Essential Oils, Detox, Cleanse, Healthy Living, ... Lavender Oil, Coconut Oil, Tea Tree Oil) Essential Oils: 50 Essential Oil Dog & Cat Recipes From My Essential Oil Private Collection: Proven Essential Oil Recipes That Work! (Essential Oil Pet Private Collection Book 1) Gas Chromatography and 2D-Gas Chromatography for Petroleum Industry: The Race for Selectivity Failure Analysis Case Studies II The Global Oil & Gas Industry: Management, Strategy and Finance Production Chemicals for the Oil and Gas Industry, Second Edition Corrosion Control in the Oil and Gas Industry The Oil & Gas Industry: A Nontechnical Guide Fundamentals of Oil & Gas Industry for Beginners The Hitchhikerâ€™s Guide to the Upstream Oil & Gas Industry: An Introduction for non-technical People Olive Oil: (Free Gift eBook Inside!) How it Heals and Mends the Body, Beauty and Health Tips of Olive Oil (55 Beneficial Tips on How Olive Oil can Help You Today) Essential Oils for a Clean and Healthy Home: 200+ Amazing Household Uses for Tea Tree Oil, Peppermint Oil, Lavender Oil, and More Oil Painting: Masterful Techniques to Oil Painting, Portrait Painting and Landscape Painting (painting, oil painting, painting for beginners, paint techniques, ... paint, portrait painting, art and painting) Cases and Materials on Oil and Gas Law (American Casebook Series) Forms Manual to Cases and Materials on Oil and Gas Law (Coursebook) Weed This Way! Cannabis Oil, CBD Oil, Dry Herb, Hemp Oil, & Wax Vaping with Electronic Cigarette

[Contact Us](#)

[DMCA](#)

[Privacy](#)

