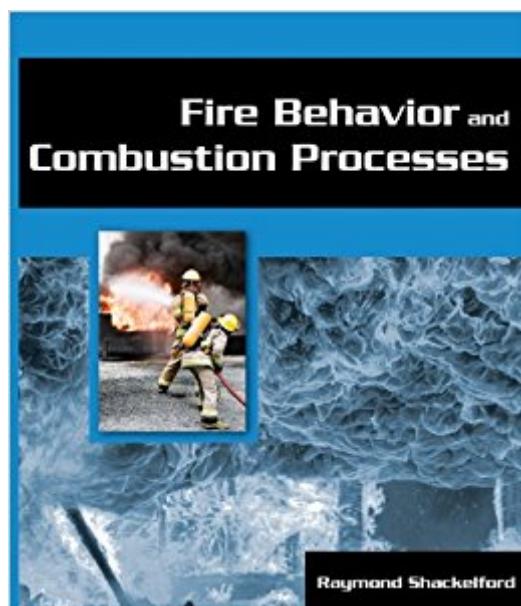


The book was found

# Fire Behavior And Combustion Processes



## **Synopsis**

Perform to an optimum level on the fireground by learning safe response methods based on the knowledge of how a fire starts, reacts, and escalates under various conditions. Straight-forward and reader-friendly, Fire Behavior and Combustion Processes clearly explains the key technical points of fire behavior and how each relates to the tasks involved in firefighting. Rather than an engineering-level text, this resource offers basic need-to-know information and examples to illustrate to firefighters and students why it is essential to their jobs to understand how a fire behaves - whether they are working in a burning building or are involved in a vehicle extrication. Based on the National Fire Academy FESHE course Fire Behavior and Combustion Processes, this book is essential to fire programs in colleges, academies, and departments.

## **Book Information**

Paperback: 320 pages

Publisher: Delmar Cengage Learning; 1 edition (November 7, 2008)

Language: English

ISBN-10: 1401880169

ISBN-13: 978-1401880163

Product Dimensions: 0.5 x 7.8 x 8.8 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars 20 customer reviews

Best Sellers Rank: #42,280 in Books (See Top 100 in Books) #20 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Fire Science #2139 in Books > Textbooks > Education #3188 in Books > Education & Teaching > Schools & Teaching

## **Customer Reviews**

Special Section: Death and Injury Rates: The American Experience. American Fire Service: The Past, Present and Future. Fire Chemistry. Combustion Processes. Extinguishing Agents. Foundations of Firefighting Tactics and Strategies. Special Concerns in Firefighting. High Rise Building Fires. Wildland Fires. Transportation Fires. Hazardous Materials and Warning Systems. Glossary.

Ray Shackleford is a professor and director of the Fire Protection Administration program at California State University at Los Angeles, and a retired fire chief with over 40 years of experience in the fire service. Dr. Shackleford has led and participated in numerous committees and projects

that are seen in current academic thought, and in fire department emergency and administrative management practices. His background and knowledge put him in great demand by governmental agencies and nonprofit organizations throughout the United States and as a consultant to governments around the world. He has visited Japan, China, and Taiwan a number of times and has provided valuable assistance in emergency preparedness and fire service operations. A visionary, Dr. Shackelford has been instrumental in the shape of the fire service, as a senior fire official, author, lecturer, and professor.

A great fire physics and chemistry book. I bought this for an upcoming course this fall so that I could read it ahead of time because I was wondering how complex this course was. Truth be told, this book isn't as complicated as one would expect from a physics book. In the beginning of the book, it goes over the general physics of atoms and so on, and other basic physics topics. Here's a list of the chapters this book goes over:

1. Fire service history
2. Fire chemistry
3. Combustion processes
4. Extinguishing agents
5. Fire fighting tactics and strategies
6. Special concerns in fire fighting
7. High rise building fires
8. Wildland fires
9. Transportation fires (i.e. cars)
10. Hazardous materials and warning systems

I haven't read 100% of the book as of yet, but so far, I'm not lost. I get everything. Everything is simple. It was shocking. However, there are a lot of key points in this book, of course, so I recommend studying this like once a day.

Great book, easy reading. I like the inserts and side bars. The questions at the end of the chapters are great for review.

An ok read, but I would suggest "Fire Investigator, Principles and practices of NFPA 921 and 1033". The "Combustion Process" book put me to sleep quicker than most...you know what I mean.

Not much else to say other than it is a great book, the writing and diagrams have been most helpful

It said it was going to be like new and it was brand new.

Good book and full of good information. I used this book for my college class.

I needed this textbook for my Fire Technology degree. It was very informative and helped me pass the class with ease. The book is filled with diagrams and photos which are really helpful! Not much

more to say!

It was great

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

Fire Encyclopedia: Kindle Fire Manual for the latest generation of Kindle E-Readers and Fire Tablets, Kindle Voyage, Kindle Paperwhite, Fire HD 6, Fire HD 8, Fire HD 10, and Fire HDX 8.9 Fire Behavior and Combustion Processes Introduction to Combustion Phenomena (Combustion Science and Technology) Principles Of Fire Behavior And Combustion All-new Fire HD8 and Fire HD10 Tips, Tricks, and Traps: A comprehensive user guide to the new Fire HD8 and Fire HD10 tablets Fire Stick: The Ultimate Fire Stick User Guide - Learn How To Start Using Fire Stick, Plus Little-Known Tips And Tricks! (Streaming ... TV Stick User Guide, How To Use Fire Stick) Fire TV: Fire Stick: The Ultimate User Guide to Fire Stick To TV, Movies, Apps, Games & Much More (how to use Fire Stick, streaming, tips ... (User guides, internet, free movie Book 2) How to Install Kodi on Fire Stick: Install Kodi on Fire Stick: Step-By-Step Instructions with Screen Shots! (2017 Kodi User Guide, fire tv stick, kodi book, kodi fire tv stick, kodi stick) Fire Encyclopedia: Fire TV and Fire Stick Manual (First Edition). Fire Stick: Start Using your Fire TV to the fullest: Best Ways to Unlock Fire TV Stick (the 2017 updated user guide,home tv,tips and tricks,digital ... prime,by echo,expert,internet) Fire HD 8 with Alexa: Unlocking Your All-New Fire HD 8 Tablet with Alexa: The Ultimate User Guide on Everything You Need to Know About the Latest Fire HD 8 with Alexa Kindle Fire HD 8 & 10 Manual: All New Fire HD User Guide (Kindle Fire HD Manual) Combustion Instabilities in Liquid Rocket Engines: Testing and Development Practices in Russia (Progress in Astronautics & Aeronautics) (Progress in Astronautics and Aeronautics) Liquid Rocket Engine Combustion Instruction (Progress in Astronautics and Aeronautics) Faith, Madness, and Spontaneous Human Combustion: What Immunology Can Teach Us About Self-Perception Trace Elements in Coal and Coal Combustion Residues (Advances in Trace Substances Research) Coal Combustion and Gasification Combustion Aerodynamics (Fuel and energy science series) An Introduction to Combustion: Concepts and Applications Theoretical and Numerical Combustion, Second Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

FAQ & Help