



Oxygen-Enhanced Combustion, Second Edition (Industrial Combustion)

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Oxygen-Enhanced Combustion, Second Edition (Industrial Combustion)

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Combustion technology has traditionally been dominated by air/fuel combustion. However, two developments have increased the significance of oxygen-enhanced combustion?new technologies that produce oxygen less expensively and the increased importance of environmental regulations. Advantages of oxygen-enhanced combustion include less pollutant emissions as well as increased energy efficiency and productivity. **Oxygen-Enhanced Combustion, Second Edition** compiles information about using oxygen to enhance industrial heating and melting processes. It integrates fundamental principles, applications, and equipment design in one volume, making it a unique resource for specialists implementing the use of oxygen in combustion systems.

This second edition of the bestselling book has more than doubled in size. Extensively updated and expanded, it covers significant advances in the technology that have occurred since the publication of the first edition.

What's New in This Edition

- Expanded from 11 chapters to 30, with most of the existing chapters revised
- A broader view of oxygen-enhanced combustion, with more than 50 contributors from over 20 organizations around the world
- More coverage of fundamentals, including fluid flow, heat transfer, noise, flame impingement, CFD modeling, soot formation, burner design, and burner testing
- New chapters on applications such as flameless combustion, steel reheating, iron production, cement production, power generation, fluidized bed combustion, chemicals and petrochemicals, and diesel engines

This book offers a unified, up-to-date look at important commercialized uses of oxygen-enhanced combustion in a wide range of industries. It brings together the latest knowledge to assist those researching, engineering, and implementing combustion in power plants, engines, and other applications.

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Information is provisions for anyone to get better life, information nowadays can get by anyone on everywhere. The information can be a expertise or any news even an issue. What people must be consider whenever those information which is in the former life are hard to be find than now could be taking seriously which one works to believe or which one the actual resource are convinced. If you obtain the unstable resource then you understand it as your main information there will be huge disadvantage for you. All of those possibilities will not happen within you if you take Oxygen-Enhanced Combustion, Second Edition (Industrial Combustion) as the daily resource information.

Anthony Green:

A lot of people always spent their own free time to vacation as well as go to the outside with them friends and family or their friend. Were you aware? Many a lot of people spent that they free time just watching TV, as well as playing video games all day long. If you wish to try to find a new activity honestly, that is look different you can read a book. It is really fun for you personally. If you enjoy the book you read you can spent 24 hours a day to reading a guide. The book Oxygen-Enhanced Combustion, Second Edition (Industrial Combustion) it is quite good to read. There are a lot of folks that recommended this book. They were enjoying reading this book. Should you did not have enough space to bring this book you can buy typically the e-book. You can m0ore simply to read this book from a smart phone. The price is not to fund but this book possesses high quality.

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Playing with family within a park, coming to see the coastal world or hanging out with close friends is thing that usually you may have done when you have spare time, and then why you don't try point that really opposite from that. Just one activity that make you not feeling tired but still relaxing, trilling like on roller coaster you have been ride on and with addition associated with. Even you love Oxygen-Enhanced Combustion, Second Edition (Industrial Combustion), you could enjoy both. It is very good combination right, you still desire to miss it? What kind of hang type is it? Oh can occur its mind hangout guys. What? Still don't have it, oh come on its known as reading friends.

Mark Gallegos:

Is it you who having spare time after that spend it whole day by means of watching television programs or just lying on the bed? Do you need something totally new? This Oxygen-Enhanced Combustion, Second Edition (Industrial Combustion) can be the answer, oh how comes? It's a book you know. You are consequently out of date, spending your extra time by reading in this fresh era is common not a nerd activity. So what these books have than the others?

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