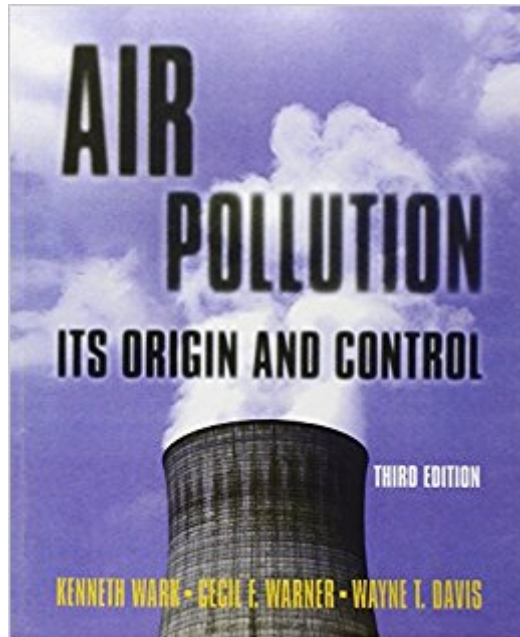




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Air Pollution: Its Origin And Control (3rd Edition)



Synopsis

A truly classic air pollution text, this book is suitable for a variety of engineers and scientists who wish to gain an introduction to the field of air pollution. Known for its detailed development and application of equations, the text emphasizes an understanding of the relationship between sources and control of air pollution, rather than being a simple "handbook" on the subject. The book presents information on four broad areas of interest in the air pollution field: the effects of pollutants on health and welfare; the laws and regulations that have been passed in efforts to improve air quality; the modeling of atmospheric dispersion of pollutants; the approaches to the control of emissions (from both stationary and mobile sources). The third edition of this text has been modified in a number of ways. New material has been added to bring the text up to date on the latest regulations including the Clean Air Act Amendments of 1990. The latest standards for ambient air quality and emission have been included in this revision. The authors continue to expose students to both the quantitative and the qualitative aspects of air quality management and air pollution control with several new questions and problems, with SI units emphasized to a greater extent than in the previous edition. The internet is also introduced as a valuable source of additional information. A web page is maintained by the authors which provides links to sources of interest to both instructors and students.

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Customer Reviews

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Wayne T. Davis is Professor and Program Coordinator of the Environmental Engineering Program in the Department of Civil and Environmental Engineering at the University of Tennessee in Knoxville. Dr. Davis has taught courses and conducted research in the areas of air quality management and air pollution control since 1974. Professor Davis received the Lyman A. Ripperton Award for Outstanding Educator in the field of air pollution control from the Air and Waste Management Association in 1990. He is a Qualified Environmental Professional (QEP), which is a certification issued by the Institute for Professional Environmental Practice. Dr. Davis is a Fellow of A&WMA, where he has served in a number of volunteer positions and was the co-editor of the revised Air Pollution Engineering Manual, a well-known reference book for those working in this field.

The book i received is really old. It is in pieces.

as expected

Got the 2nd ed for \$0.79 rather than the 3rd for ~\$100. I realize many years have passed but as far as the techniques of AP control, the fundamentals remain the same. There might be much greater awareness of greenhouse gases and ozone, with stricter regulations but the chemistry and engineering behind the control of tropospheric NOX and SOX, along with PM and VOC have not

change.

I used this book for a class, we also use Seinfeld and Padis, but for people like me that are not chemical engineers, this book is an excellent introductory book in the science of air pollution and control. It doesn't go as deep as Seinfeld in chemical kinetics, and it just reviews some equipment for the control of these pollutants, but I found it great for starters like me

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