DESCRIPTION

Consolidates information and technical calculations for a wide variety of environmental factors

Operating a business facility of any size, especially a manufacturing location, requires environmental permits from a number of governmental regulatory agencies responsible for protecting human health and the environment. Environmental Calculations: A Multimedia Approach provides an essential, one-stop reference for the necessary technical calculations to obtain a broad range of such permits. Along with clear, concise, and factual explanations, the text also includes relevant equations, examples, and case studies to support and clarify the calculations.

Filled with the rich experience from the author's years of work in environmental permitting, the coverage features:

- An introduction to the major concepts and practice in the permitting process

- Key concepts in environmental chemistry such as the ideal gas law, vapor pressure, reaction stoichiometry, and heat effects

- Air pollution control
Water/wastewater

Solid/hazardous waste

Noise generation, propagation, and control

Radiation/radioactive decay

An all-around guide for environmental permitting in many contexts, *Environmental Calculations: A Multimedia Approach* is a must-have for anybody concerned with environmental assessment and compliance, as well as those reviewing, issuing, and monitoring environmental permits.

**ABOUT THE AUTHOR**

*Robert G. Kunz* was an environmental engineering manager at a major industrial gas and chemical company before retiring after twenty-six years. He also worked in the petroleum industry, on plant design/construction, and for a manufacturer of air pollution control catalyst. He is currently an independent environmental consultant. Dr. Kunz earned a BChE degree in chemical engineering from Manhattan College, a PhD in chemical engineering from Rensselaer Polytechnic Institute, an MS in environmental engineering from Newark College of Engineering, and an MBA from Temple University.

For additional product details, please visit [https://www.wiley.com/en-us](https://www.wiley.com/en-us)