

1. Record Nr.	UNINA990003074350403321
Titolo	Evaluating Social Programs : Theory, Practice and Politics / edited by Peter H.Rossi, Walter Williams.
Pubbl/distr/stampa	New York : Seminar Press, 1972
Descrizione fisica	326 p. ; 23 cm
Collana	Quantitative studies in social relations
Disciplina	11130
Locazione	SE
Collocazione	S 11130 ROS
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910822888103321
Autore	Theodore Louis
Titolo	Air pollution control equipment calculations / / Louis Theodore
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2008
ISBN	9786612003509 9781282003507 128200350X 9780470255773 0470255773 9780470255759 0470255757
Edizione	[1st ed.]
Descrizione fisica	1 online resource (588 p.)
Disciplina	628.5/3
Soggetti	Air - Purification - Equipment and supplies
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.

## Nota di contenuto

AIR POLLUTION CONTROL EQUIPMENT CALCULATIONS; CONTENTS; PREFACE; INTRODUCTION; 1 AIR POLLUTION HISTORY; 2 AIR POLLUTION REGULATORY FRAMEWORK; 2.1 Introduction; 2.2 The Regulatory System; 2.3 Laws and Regulations: The Differences; 2.4 The Clean Air Act; 2.5 Provisions Relating to Enforcement; 2.6 Closing Comments and Recent Developments; 3 FUNDAMENTALS: GASES; 3.1 Introduction; 3.2 Measurement Fundamentals; 3.3 Chemical and Physical Properties; 3.4 Ideal Gas Law; 3.5 Phase Equilibrium; 3.6 Conservation Laws; Problems; 4 INCINERATORS; 4.1 Introduction; 4.2 Design and Performance Equations  
4.3 Operation and Maintenance, and Improving Performance Problems; 5 ABSORBERS; 5.1 Introduction; 5.2 Design and Performance Equations; 5.3 Operation and Maintenance, and Improving Performance; Problems; 6 ADSORBERS; 6.1 Introduction; 6.2 Design and Performance Equations; 6.3 Operation and Maintenance, and Improving Performance; Problems; 7 FUNDAMENTALS: PARTICULATES; 7.1 Introduction; 7.2 Particle Collection Mechanisms; 7.3 Fluid-Particle Dynamics; 7.4 Particle Sizing and Measurement Methods; 7.5 Particle Size Distribution; 7.6 Collection Efficiency; Problems; 8 GRAVITY SETTLING CHAMBERS  
8.1 Introduction 8.2 Design and Performance Equations; 8.3 Operation and Maintenance, and Improving Performance; Problems; 9 CYCLONES; 9.1 Introduction; 9.2 Design and Performance Equations; 9.3 Operation and Maintenance, and Improving Performance; Problems; 10 ELECTROSTATIC PRECIPITATORS; 10.1 Introduction; 10.2 Design and Performance Equations; 10.3 Operation and Maintenance, and Improving Performance; Problems; 11 VENTURI SCRUBBERS; 11.1 Introduction; 11.2 Design and Performance Equations; 11.3 Operation and Maintenance, and Improving Performance; Problems; 12 BAGHOUSES; 12.1 Introduction  
12.2 Design and Performance Equations 12.3 Operation and Maintenance, and Improving Performance; Problems; APPENDIX A HYBRID SYSTEMS; A.1 Introduction; A.2 Wet Electrostatic Precipitators; A.3 Ionizing Wet Scrubbers; A.4 Dry Scrubbers; A.5 Electrostatically Augmented Fabric Filtration; APPENDIX B SI UNITS; B.1 The Metric System; B.2 The SI System; B.3 SI Multiples and Prefixes; B.4 Conversion Constants (SI); APPENDIX C EQUIPMENT COST MODEL; INDEX

## Sommario/riassunto

Unique problem-and-solution approach for quickly mastering a broad range of calculations This book's problem-and-solution approach enables readers to quickly grasp the fundamentals of air pollution control equipment and essential applications. Moreover, the author sets forth solid principles for the design and selection of air pollution control equipment as well as for its efficient operation and maintenance. Readers gain a deep understanding of both the equipment itself and the many factors affecting performance. Following two introductory chapters, the book dedicates four chapters