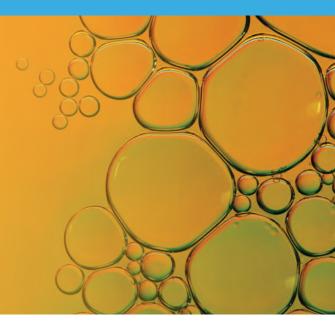
帕蒂的工業衛生

第7版 | 4卷集

Barbara Cohrssen (主編)



化學 | 化學和環境健康與安全

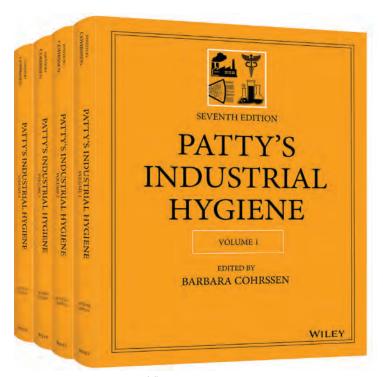
《帕蒂的工業衛生》過去 60 年來享有盛譽,為經驗豐富和初學的工業衛生師提供最新資訊。

隨著工業衛生師常為跨國公司工作、自雇或在小型諮詢公司工作,工業衛生領域也不斷演變。在現今時代,工業衛生不僅需要考慮更多元之全球勞動力所面臨的職業健康與安全問題,往往也需要提供環境健康資訊給大型公司和政府機關。

為因應這些變化,新版的《帕蒂的工業衛生》加入了新的工業衛生與安全主題,並更新既有的主題。第七版探討全球化帶來的需求,以及許多專業人士拓展自身角色的需求。本參考書籍匯集了世界各地的多元編輯群,確保本書擁有涵蓋全球範圍的撰稿人,並提供與全球息息相關的主題。

對象

工業衛生師、化學家、工程師、毒物學家及職業安全人員



4卷集 | ISBN 9781119438021 精裝版 | 1776頁 | 2021 年 3 月 定價 1199.95 美元 線上版 ISBN 9781119693352

「帕蒂」。無須多言。 這個名字自有優秀聲譽。 —Harry Elston, 《化學健康與安全期刊》編輯

關於主編

Barbara Cohrssen is President of Cohrssen Environmental, Inc. and is a Certified Industrial Hygienist and Registered Environmental Assessor. She co-edited the previous edition of both *Patty's Toxicology and Patty's Industrial Hygiene*. She has over 30 years of experience in occupational and environmental health and safety.





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Useful Equivalents and Conversion Factors

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Barbara J. Dawson, Kyle B. Dotson,
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Mansdorf, David Roskelley, Jennifer
Sahmel, Noel Tresider, and Candace Tsai

Ethics in Industrial Hygiene Nina Townsend, Garrett Brown, and Mark Katchen

Prevention through Design Georgi Popov, Bruce Lyon, and Tsvetan Popov

Risk Communication

David M. Zalk

Health Risk Assessment in the Workplace Chris Laszcz-Davis, Fred W. Boelter, Michael Jayjock, Frank Hearl, Perry Logan, Cristina Ford McLaughlin, Mary V. O'Reilly, R. Thomas Radcliffe Jr., Esquire, and Mark Stenzel

Decision Making in Managing Risk Charles F. Redinger, Fred W. Boelter, Mary V. O'Reilly, John Howard and Glenn J. Barbi

Managing Workplace Demographics John Howard

Mastering Digital Media for Workers, Employers, and Our Community of Practice Max Lum

第Ⅱ部 化學因子

The History and Biological Basis of Occupational Exposure Limits for Chemical Agents Dennis J. Paustenbach and William D. Cyrs

The Mode of Absorption, Distribution, and Elimination of Toxic Materials Franklin E. Mirer

Symptomatic Responses to Low-Level Occupational and Environmental Exposures

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Analytical Methods Robert G. Lieckfield Jr.

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Real-Time Assessment of Air Contaminants Using Video Exposure Monitoring (VEM) Methods and Techniques James D. McGlothlin, Fan Xu, Sandra S. Cole, and Dave Huizen

Computed Tomography in Industrial Hygiene *Lori A. Todd*

Mathematical Modeling of Indoor Air Contaminant Concentrations Mark Nicas and Thomas W. Armstrong

Sensor Misti L. Zamora, Christopher Zuidema,

第 IV 部 化學暴露控制

and Kirsten Koehler

Characterizing Air Contaminant Emission Sources D. Jeff Burton, Robert L. Harris, and Earl W. Arp

Engineering Control of Airborne Contaminants: History, Philosophy, and the Development of Primary Approaches

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Industrial Ventilation
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Respiratory Protective Equipment Craig E. Colton

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Control Banding: Background, Evolution, and Application David M. Zalk, Elaine West, and Deborah I. Nelson

Occupational Safety and Health Law John Howard and Steven Smith

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Radiofrequency Electromagnetic Fields Kenneth R. Foster and Richard A. Tell

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Noise and Hearing Conservation David C. Byrne and Kevin L. Michael

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Hand-Arm Vibration
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Product Stewardship: A Viable Practice for the Industrial Hygienist *Thomas G. Grumbles*

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Health Care Industry: Contemporary Considerations Robert J. Emery, Michael A. Charlton, Bruce J. Brown, and Scott J. Patlovich

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Health and Safety Factors in Designing an Industrial Hygiene Laboratory Robert G. Lieckfield

Fire Safety in the Workplace
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Advancing the Well-Being of Workers: An Introduction to Total Worker Health Approaches L. Casey Chosewood and Sara L. Tamers

Health and Safety Issues of New Energy Technologies

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Cannabis
Robert N. Phalen

Indoor Air Quality in Nonindustrial Occupational Environments John P. Springston, Elliott Horner, and Joseph Lstiburek

