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# Cleanroom Technology: Fundamentals of Design, Testing and Operation

By William Whyte



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**Cleanroom Technology: Fundamentals of Design, Testing and Operation** By William Whyte

**A self-contained and practical book providing step-by-step guidance to the design and construction of cleanrooms, appropriate testing methodologies, and operation for the minimization of contamination...**

This second edition has been comprehensively revised and includes extensive updates to the two chapters that contain information on cleanroom standards and guidelines. The chapter on risk management has been extensively revised, especially the section on risk assessment. Other new subjects that have been added to the various chapters are those on clean-build, determination of air supply volumes for non-unidirectional airflow cleanrooms, RABS (Restricted Access Barrier Systems), contamination recovery test methods, entry of large items into a cleanroom, glove allergy problems, and how to develop a cleanroom cleaning programme.

Used for in-house training and a textbook in colleges, this volume is for cleanroom personnel at all levels. It provides novices with an introduction to the state-of-the-art technology and professionals with an accessible reference to the current practices. It is particularly useful in the semiconductor, pharmaceutical, biotechnology and life sciences industries.

William Whyte is an international authority in cleanrooms, with over 45 years experience in research, teaching and consulting in the electronic, healthcare and pharmaceutical industries. He is a member of British and International standards committees writing the International Cleanroom standards, and has received numerous awards for his work in Cleanroom Technology.

## **A comment on the first edition:**

"...extremely useful and helpful...very well-written, highly organized, easy to understand and follow..." (*Environmental Geology*, 2003)



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#### Review

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#### About the Author

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