

PM WORLD BOOK REVIEW



Book Title: ***Quality Auditing in Construction Projects***

Author: **Abdul Razzak Rumane**

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Reviewer: **Michael J. Miers, PMP**

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Introduction

Quality Auditing in Construction Projects is a handbook and like a true handbook can be considered a reference and a collection of useful information for true construction management professionals. The content includes coverage of processes for audit compliance to ISO, project specific quality and corporate quality management systems. This is a detail rich book that is right for construction professionals, students or academics with an interest in quality auditing in the construction industry.

The book is written in a way that includes useful ideas and practical approaches from cases reviewed in the book. This book has an enormous amount content and detail that covers over 500 pages.

Overview of Book's Structure

Quality Auditing in Construction Projects is arranged in seven chapters that are subdivided into outline numbered sections covering various aspects of audit related topics. The book begins with a useful List of Figures and Tables followed by List of Abbreviations and List of Synonyms.

Material is arranged as follows:

- Chapter One – Overview of construction projects
- Chapter Two – ISO certification for the construction industry
- Chapter Three – Auditing standards for construction projects
- Chapter Four – Auditing fundamentals
- Chapter Five – Auditor / Auditing team selection for construction projects
- Chapter Six – Auditing process for life cycle phases
- Chapter Seven – Audit reporting

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Highlights

The opening chapter is an Overview of Construction projects which quickly and clearly exemplifies the author's deep knowledge and passion for construction management and quality auditing.

The chapter on ISO certification was developed well by taking the reader through very basic explanation of the importance of standards and then building on by presenting some of the best-known organizations in the quality field. The very basic Plan-Do-Check-Act (PDCA) cycle is at the core of quality management systems was expertly described and depicted in a graphic representation. Make no mistake even though fundamental concepts were presented this book went much further in content and coverage.

Highlights: What I liked!

After reading the first two chapters word for word I found myself thumbing through the following chapters that were full of figures, tables, graphics and other diagrams that supported the processes and auditing fundamentals.

I can see this book being used as a tool for collaboration amongst all members of audit and construction teams. This book is complete with process diagrams, decision trees, checklists to support the most complex projects.

Who might benefit from the Book?

This book is for the construction professional, contractor or quality auditor looking to further develop auditing methods or to ensure compliance. This book would also be appropriate for a student or academic interested in learning the aspects of quality auditing in construction projects.

Conclusion

This book can be used in bringing clarity to audit teams by dissecting and disseminating complexities associated with audit processes. The book is well organized and can be considered a good reference for the experienced auditor as well as those new team members who need to see the structure and audit process fundamentals that are part of audit programs. This book is clearly written and concise and would be a must have for the library of any construction professional.

For more about this book, go to: <https://www.routledge.com/Quality-Auditing-in-Construction-Projects-A-Handbook/Rumane/p/book/9780815385318>

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About the Reviewer



Michael J. Miers, MBA, PMP

Texas, USA



Michael J. Miers is a Quality Manager with experience leading Research and Development projects and technical sales support functions. Track record for achieving improvements in cost, quality, cycle time and business processes. Additional experience: Project Management, Project Management Professional (PMP) certification. ISO Internal Auditor for ISO 9001 Quality and ISO 14001 Environmental Stds, Six Sigma Green Belt Certified and Black Belt trained, Risk Assessment Moderator, Design for Reliability, Engineering Documentation Control. BS Degree in Industrial Engineering Technology and a Masters of Business Administration.

Associate Faculty teaching courses in: Production and Operations Management; Computer Graphics and Design, Project Procurement Management and Management of Organizations.

Michael can be contacted at MJMiers@hotmail.com or on LinkedIn at <https://www.linkedin.com/in/mikemiers/>