

The Asq Auditing Handbook Fourth Edition Asq

Since it was introduced a decade ago, ISO 9000 has taken off at a tremendous rate, being absorbed, adapted, and adopted by companies around the world with overwhelming success. With an upswing in registration, as well as an increase in the number of organizations beginning systems implementation, it continues to gain momentum--and shows no signs of slowing down. Now completely revised and expanded, ISO 9000 brings you up to speed on the latest developments affecting this important quality standard, providing an in-depth look at its language, processes, systems, technology, and requirements. An internationally accepted standard for accessing markets, ensuring quality products, and building trust among trade partners, ISO 9000 enables companies to establish quality systems and develop internal self-discipline, as well as maintain product integrity and satisfy customer needs. As a vital part of today's business reality, ISO 9000 is crucial for all organizations seeking to maintain a competitive edge in international markets. In ISO 9000, renowned quality consultant Greg Hutchins offers a complete and well-rounded overview, including recent updates to the standard and registration requirements. You'll learn how to launch and manage an ISO registration initiative, and realize the full benefits of ISO 9000 to your company, suppliers, and customers. Along with keen observations on the global business climate, as well as quality-issue developments in Europe and the United States, Hutchins provides full explanations of ISO specifics, from EU standards and third-party verification to conformity assessment and quality auditing. Emphasis is placed on prevention, quality planning, management support, documentation, and dedicated procedures. Most importantly, ISO 9000 provides the critical information necessary for deciding whether registration is needed for your company, and pinpoints steps you should take to meet requirements. Filled with invaluable advice from ISO registered companies, quality auditors, and European and American quality experts, this hands-on guide shows you how to determine which standards apply to your company, choose and work with quality auditors, run an effective preassessment audit, gather appropriate documentation, and much more. A clear, concise road map of ISO 9000 essentials, this comprehensive and user-friendly reference will become a vital tool for facilitating smart decision-making. An in-depth guide to the ABC's of ISO 9000 Now completely revised and expanded, this comprehensive and accessible reference brings you up to date--and up to speed--on the latest developments affecting ISO 9000. Renowned quality consultant Greg Hutchins provides clear, concise explanations of recent updates to the standard, including implementation guidelines, auditing requirements, registration criteria, and much more. Filled with invaluable advice from ISO registered companies, quality auditors, and European and American quality experts, ISO 9000 has the information you need to facilitate smart decision-making, covering:

- * Today's global competition game--European economic challenges, European Union (EU) competitiveness, Hutchins's rules of global business
- * Global standardization--basic concepts and principles, technical standards, US and EU standards development
- * ISO 9000 quality systems standards--historical background, anatomy of ISO 9000, starting the registration process, future ISO 9000 standards development
- * Quality auditing--organization, client and auditor responsibilities, audit planning, registrar selection, questionnaires
- * Securing registration--ten easy steps

Supported by a full glossary and a complete resource list, this in-depth and accessible guide provides an easy-to-read road map to the fundamentals of ISO 9000. An indispensable resource for those seeking to achieve effective implementation and successful registration.

This edition includes coverage on ethics, the correlation of auditing to business performance, and the expansion into areas not covered by the Certified Quality Auditor Body of Knowledge. It has been designed to be used as a resource for nearly every aspect of the auditing function.

Principles of External Auditing has become established as one of the leading textbooks for students studying auditing. Striking a careful balance between theory and practice, the book describes and explains, in non-technical language, the nature of the audit function and the principles of the audit process. The book covers international auditing and accounting standards and relevant statute and case law. It explains the fundamental concepts of auditing and takes the reader through the various stages of the audit process. It also discusses topical aspects of auditing such as legal liability, audit risk, quality control, and the impact of information technology. Brenda Porter is currently visiting Professor at Exeter University and Chulalongkorn University, Bangkok.

This pocket guide is designed to be a quick, on-the-job reference for anyone interested in making their workplace more effective and efficient. It will provide a solid initial overview of what "quality" is and how it could impact you and your organization. Use it to compare how you and your organization are doing things, and to see whether what's described in the guide might be useful. The tools of quality described herein are universal. People across the world need to find better, more effective ways to improve the creation and performance of products and services. Since organizational and process improvement is increasingly integrated into all areas of an organization, everyone must understand the basic principles of process control and process improvement. This succinct and concentrated guide can help. Unlike any other pocket guide on the market, included throughout are direct links to numerous free online resources that not only go deeper but also to show these concepts and tools in action: case studies, articles, webcasts, templates, tutorials, examples from the ASQ Service Division's Service Quality Body of Knowledge (SQBOK), and much more. This pocket guide serves as a gateway into the wealth of peerless content that ASQ offers.

The ISO Lesson Guide translates ISO 9001 into easy-to-understand words. This pocket guide was designed as a quick reference for anyone to carry around conveniently. Each element containing requirements is discussed and key concepts are highlighted at the beginning of each section. In the ISO Lesson Guide: Quality is defined The ISO process approach is explained Key concepts are accompanied by an illustration Risk-based thinking is introduced Concepts are described in easy-to-understand words A brief conspectus summarizes ISO 9001 requirements Quality management principles are described in easy-to-understand words An entertaining fable explains the difference between ISO 9001 and ISO 9004 Ideal for handing out to existing and new employees, this pocket guide can also be used as supplemental study material for ISO 9001 training courses.

Auditors from any industry must "learn the language of upper management" if they truly want to affect positive change throughout their environments. If quality auditors want to remain relevant and keep from becoming marginalized, they need to add new skills and credentials, and even more importantly, move beyond conformance monitoring to determine how their work might impact the corporate bottom line. The purpose of this book is to accept that challenge in presenting two ways that auditors can "learn [to speak] the language of upper management"—either by helping to drive continuous improvement or by helping to manage risk. This book has essential information that will help guide an organization's efforts to glean more value from their audit process. It helps grow the audit function beyond verification audits. It provides insight for using the audit function to improve organizations using lean principles. It also discusses how the audit function can contribute to and be formally integrated into the ongoing risk management program. This book is about advancing the profession of auditing, as well as the skills of individual auditors. "Buy. Read. Reread. It will kick start your risk-based thinking journey. Then, buy the book for each member of your auditing team." Greg Hutchins, PE Director, Certified Enterprise Risk Manager Academy "While there is a constant influx of books on auditing entering the market today, Advanced Quality Auditing: An Auditors Review of Risk Management, Lean Improvement and Data Analysis stands out among them as Lance excels at demonstrating to readers how they can embrace the methodologies for continual improvement as they apply to the audit program and audit professionals. By combining the use of the audit checklist development matrix tool (ACDM) and various lean tools that are traditionally applied to processes other than auditing, auditors can ensure they not only audit for compliance but also add value to the audits, demonstrating the value of audit program, and in turn, themselves...The clarity of explanation and illustrative charts and diagrams of the Kano model makes it easy for the beginning auditor to understand and implement, while providing

deeper insights to experienced auditors in how to leverage the model in the continual improvement of the audit program. Lance clearly makes the case that as audit professionals we should all embrace the use of the Kano model and apply it to our own audit programs to ensure we are always positioned to “delight” our customers.” Nancy Boudreau ASQ Audit Division Chair (2014-2015) “Lance Coleman has taken a traditional topic on auditing and written a professional synopsis of key concepts in terms so clear as to make them understandable and useful to the reader. A great book to use and have as reference. Well done!” Dr. Erik Myhrberg IRCA Certified QMS Lead Auditor Co-author, A Practical Field Guide for ISO 13485:2003

This book is primarily meant to aid those taking the ASQ Certified Quality Engineer (CQE) exam and is best used in conjunction with The Certified Quality Engineer Handbook. Section 1 provides 380 practice questions organized by the seven parts of the 2015 Body of Knowledge (BOK). Section 2 gives the reader 205 additional practice questions from each of the seven parts, in a randomized order. For every question in both sections, detailed solutions are provided that explain why each answer is the correct one and also which section of the BOK the question corresponds to so that any further study needed can be focused on specific sections. A secondary audience is those taking exams for ASQ certifications whose BOKs’ have some crossover with the CQE. Namely, the Certified Six Sigma Black Belt (CSSBB), Certified Six Sigma Green Belt (CSSGB), Certified Reliability Engineer (CRE), and Certified Quality Inspector (CQI). Using this guide in studying for any of these exams would be extremely useful, particularly for the statistics portions of the BOKs. Unlike other resources on the market, all these questions and solutions were developed specifically to address the 2015 CQE Body of Knowledge and help those studying for it, including taking into account the proper depth of knowledge and required levels of cognition. None of this material has appeared in any previous resource or been shoehorned into fitting under the BOK’s topics. NOTE: Practice/sample test questions such as those in this study guide cannot be taken into ASQ certification exam rooms.

A detailed and thorough reference on the discipline and practice of systems engineering The objective of the International Council on Systems Engineering (INCOSE) Systems Engineering Handbook is to describe key process activities performed by systems engineers and other engineering professionals throughout the life cycle of a system. The book covers a wide range of fundamental system concepts that broaden the thinking of the systems engineering practitioner, such as system thinking, system science, life cycle management, specialty engineering, system of systems, and agile and iterative methods. This book also defines the discipline and practice of systems engineering for students and practicing professionals alike, providing an authoritative reference that is acknowledged worldwide. The latest edition of the INCOSE Systems Engineering Handbook: Is consistent with ISO/IEC/IEEE 15288:2015 Systems and software engineering—System life cycle processes and the Guide to the Systems Engineering Body of Knowledge (SEBoK) Has been updated to include the latest concepts of the INCOSE working groups Is the body of knowledge for the INCOSE Certification Process This book is ideal for any engineering professional who has an interest in or needs to apply systems engineering practices. This includes the experienced systems engineer who needs a convenient reference, a product engineer or engineer in another discipline who needs to perform systems engineering, a new systems engineer, or anyone interested in learning more about systems engineering.

A comprehensive reference manual to the Certified Quality Technician Body of Knowledge and study guide for the CQT exam.

This handbook is intended to serve as a baseline of hazard analysis critical control point (HACCP) knowledge for quality auditors. HACCP is more than just failure mode and effect analysis (FMEA) for food: it is a product safety management system that evolved and matured in the commercial food processing industry allowing food processors to take a proactive approach to prevent foodborne diseases. Both the FDA and the USDA have embraced HACCP as the most effective method to ensure farm-to-table food safety in the United States. This handbook also assists the certification candidate preparing for the ASQ Certified HACCP Auditor (CHA) examination. It includes chapters covering the HACCP audit, the HACCP auditor, and quality assurance analytical tools.

This handbook is a comprehensive reference source designed to help professionals address organizational issues from the application of the basic principles of management to the development of strategies needed to deal with the technological and societal concerns of the new millennium. The content of this fourth edition has been revised to reflect a more current global perspective and to match the updated Body of Knowledge (BoK) of ASQ’s Certified Manager of Quality/Organizational Excellence (CMQ/OE). In order to provide a broad perspective of quality management, this book has specifically been written to address:

- Historical perspectives relating to the evolution of particular aspects of quality management, including recognized experts and their contributions
- Key principles, concepts, and terminology relevant in providing quality leadership, and communicating quality needs and results
- Benefits associated with the application of key concepts and quality management principles
- Best practices describing recognized approaches for good quality management
- Barriers to success, including common problems that the quality manager might experience when designing and implementing quality management, and insights as to why some quality initiatives fail
- Guidance for preparation to take the CMQ/OE examination.

Organized to follow the BoK exactly, throughout each section of this handbook the categorical BoK requirements associated with good quality management practices for that section are shown in a box preceding the pertinent text. These BoK requirements represent the range of content and the cognitive level to which multiple-choice questions can be presented. Although this handbook thoroughly prepares individuals for the ASQ CMQ/OE exam, the real value resides in post-exam usage as a day-to-day reference source for assessing quality applications and methodologies in daily processes. The content is written from the perspective of practitioners, and its relevance extends beyond traditional product quality applications.

Books in the Quality and Business Excellence series can help readers enhance customer value and satisfaction by integrating the customer’s voice into design, manufacturing, supply chain, and field processes. Although there are many Six Sigma books on the market, few clarify the essential aspects of its implementation across various industries. The Tactical Guide to Six Sigma Implementation fills this need. Simplifying a complex subject and removing the intimidation of using statistics, the book takes readers through the five phases of the Six Sigma methodology—Define-Measure-Analyze-Improve-Control (DMAIC). In ten clearly written and easy-to-understand chapters, readers learn the purpose of each phase and what activities must be performed in each phase. The book illustrates the layout of the interaction of organizational processes—defining product and information flows separately such that each process receives product or information and, after completion of the process, supplies the output to the next process. The author identifies organizational processes through turtle and SIPOC diagrams, defining the process owner, inputs and outputs, and process customer for each process. He also explains how to determine the measures and goals of the process, and how to document the process so that further process improvements can be implemented through management reviews. The text presents a comprehensive process control plan assessment to comply with automotive, aerospace, and all types of manufacturing and service processes. It details 17 global quality management system processes covering management responsibility, resource management, product realization policies, and management analysis and improvement policies. It also provides comprehensive root cause analysis and problem solving techniques. Numerous figures, charts, formulae and forms are included throughout the book and all statistics are described to the exact level of understanding required. Books in this series are suitable for use as basic textbooks for Green Belt, Black Belt, BBA, and MBA courses in global quality, Lean Six Sigma, and business excellence.

"This handbook supports the quality auditor Body of Knowledge (BoK), developed for the ASQ Certified Quality Auditor (CQA) program. This edition addresses new and expanded BoK topics, common auditing (quality, environmental, safety, and so on) methods, and process auditing. It is designed to provide practical guidance for system and process auditors. Practitioners in the field provided content, example audit situations, stories, and review comments as the handbook evolved. New to the edition are the topics of common and special causes, outliers, and risk management tools. Besides the new topics, many current topics have been expanded to reflect changes in auditing

practices since 2004 and ISO 19011 guidance, and they have been rewritten to promote the common elements of all types of system and process audits. The handbook can be used by new auditors to gain an understanding of auditing. Experienced auditors will find it to be a useful reference. Audit managers and quality managers can use the handbook as a guide for leading their auditing programs. The handbook may also be used by trainers and educators as source material for teaching the fundamentals of auditing"--

The ASQ Certified Medical Device Auditor Handbook (formerly The Biomedical Quality Auditor Handbook) was developed by the ASQ Medical Device Division (formerly Biomedical Division) in support of its mission to promote the awareness and use of quality principles, concepts, and technologies in the medical device community. It principally serves as a resource to candidates preparing for the Certified Medical Device Auditor (CMDA) certification exam. The fourth edition of this handbook has been reorganized to align with the 2020 certification exam Body of Knowledge (BoK) and reference list. The combination of this handbook with other reference materials can provide a well-rounded background in medical device auditing. Updates to this edition include: • A discussion of data privacy, data integrity principles, and the Medical Device Single Audit Program (MDSAP) • Current information about federal and international regulations • New content regarding human factors and usability engineering, general safety and performance requirements, labeling, validation, risk management, and cybersecurity considerations • A thorough explanation of quality tools and techniques

This handbook is a comprehensive reference designed to help professionals address organizational issues from the application of the basic principles of management to the development of strategies needed to deal with today's technological and societal concerns. The fifth edition of the ASQ Certified Manager of Quality/Organizational Excellence Handbook (CMQ/OE) has undergone some significant content changes in order to provide more clarity regarding the items in the body of knowledge (BoK). Examples have been updated to reflect more current perspectives, and new topics introduced in the most recent BoK are included as well. This handbook addresses: • Historical perspectives relating to the continued improvement of specific aspects of quality management • Key principles, concepts, and terminology • Benefits associated with the application of key concepts and quality management principles • Best practices describing recognized approaches for good quality management • Barriers to success, common problems you may encounter, and reasons why some quality initiatives fail • Guidance for preparation to take the CMQ/OE examination A well-organized reference, this handbook will certainly help individuals prepare for the ASQ CMQ/OE exam. It also serves as a practical, day-to-day guide for any professional facing various quality management challenges.

Implementing the requirements of ISO 9001 can be a daunting task for many organizations. In an attempt to develop a system that will pass the registration audit, we are tempted to establish processes with the primary purpose of conforming to the requirements of ISO 9001. In doing so, however, it is easy to lose sight of the primary intent of the standard: to continually improve the effectiveness of the quality management system (QMS) implemented at our organization. This book is intended to help managers, quality professionals, internal audit coordinators, and internal auditors implement a practical internal audit process that meets the requirements of ISO 9001:2015 while adding significant, measurable value to the organization. The tools, techniques, and step-by-step guidelines provided in this book can also be used by those organizations that have a well-established internal audit process but are looking for easy ways to make that process more effective. The tools in the appendices of this book have also been provided on the enclosed CD to facilitate your customizing them to fit the specific needs of your organization.

Quality Systems Handbook is a reference book that covers concepts and ideas in quality system. The book is comprised of two parts. Part 1 provides the background information of ISO 9000, such as its origin, composition, application, and the strategies for registration. Part 2 covers topics relevant to the ISO 9000 requirements, which include design control, internal quality audits, and statistical techniques. The text will be useful to managers, auditors, and quality practitioners who require reference in the various aspects of quality systems.

This handbook was developed to help small and medium-sized organizations better understand ISO 9001:2015. It is intended to facilitate implementation and improvement. The establishment, implementation, and maintenance of an ISO 9001-compliant quality management system (QMS) should allow the organization to experience multiple benefits beyond the achievement of certification. Organizations should also see improvements in the quality of products, customer satisfaction, and process effectiveness—all of which ultimately have a positive impact on the bottom line. It is expected that some readers will have already established a QMS. This handbook will serve to reinforce good practices and will help you better understand the intent and value of some of the requirements of ISO 9001. Since the handbook is especially focused on small and medium-sized organizations, the examples that are provided will have greater applicability and will enhance comprehension, again resulting in increased value. Implementing a QMS in a small organization is not easier or harder than it is in a large one. Resources are different; each organization has its own unique challenges, constraints, and advantages. The thing to always bear in mind is that this is your organization and these are your processes. ISO 9001:2015 defines the requirements, but it does not dictate the method of application. Utilizing this handbook should allow you to develop or rejuvenate your QMS so that it is a benefit to both you and your customer.

The 2015 edition of ISO 9001 has been modernized to update terminology and content to meet current and anticipated user needs. The major emphasis of ISO 9001:2015 is still consistent provision of products and services that meet customer and applicable statutory and regulatory requirements. This book explains the meaning and intent of the requirements of ISO 9001:2015 and discusses the requirements as they relate to each of the product categories. Where appropriate, it includes an elaboration of why the requirements are important. It also includes typical audit-type questions that an organization may consider to assess conformity to internal needs and ISO 9001 requirements. Recommendations for implementation are also included. This book addresses the needs of: Users and organizations seeking a general understanding of the contents of ISO 9001:2015 Users and organizations desiring guidance to ensure their ISO 9001:2015 QMS meets the new version requirements Users and organizations considering the use of ISO 9001:2015 as a foundation for the development of a comprehensive QMS Educators who require a textbook to accompany a training class or course on ISO 9001:2015 Auditors who desire to increase their level of auditing competence Authors Cianfrani and West, members of the expert group that developed ISO 9001:2015, strive to provide a context for all requirements to enable you to develop and deploy processes that will strengthen your QMS. Getting or retaining a certificate is not the real objective. Satisfied customers and organizational sustainability should be primary objectives for the organization. CD-ROM contains a Certified Quality Engineer Certification simulated exam, sample exam questions, acceptance sampling tables, and audiovisual presentations.

This guide only contains practice questions and answers for the CQE Certified Quality Engineer exam.

The purpose of this handbook is to assist individuals for the Certified Pharmaceutical Good Manufacturing Practices Professional (CPGP) examination and provide a reference for the practitioner. The second edition reflects the Body of Knowledge which was updated in 2015. This edition has also incorporated additional information including updated references. The updates reflect the current trends and expectations of the evolving pharmaceutical industry driven by consumer expectations and regulatory oversight. This handbook covers compliance with good manufacturing practices (GMPs), as regulated and guided by national and international agencies for the pharmaceutical industry. It covers finished human and veterinary drugs and biologics, and combination devices, as well as their component raw materials (including active pharmaceutical ingredients (APIs) and excipients), and packaging and labeling operations.

Federal regulatory agencies have embraced Hazard Analysis Critical Control Point (HACCP) as the most effective method to offer farm-to-table food safety and quality in the United States—but it is important to look beyond HACCP. The ASQ Certified Food Safety and Quality Auditor (CFSQA) Handbook serves as a baseline of knowledge for auditors of food safety and quality systems that covers other aspects of food production, including preventive controls. This handbook assists certification candidates in preparing for the ASQ Certified Food Safety and Quality Auditor (CFSQA) examination. Its chapters cover the HACCP audit and auditor, preventive principles, and quality assurance analytical tools. The updated fourth edition also includes:

- The history of primitive and modern food preservation methods, including the introduction of HACCP methods
- The evolution of prerequisite programs, such as chemical and microbiological controls
- The importance of other food system support programs, such as product traceability and recall, facility design, and environmental control and monitoring
- Preliminary tasks for developing a HACCP plan

The ASQ Certified Medical Device Auditor Handbook, Fourth Edition Quality Press

This book is an excellent reference for learning and applying basic quality auditing principles. Examples and checklists throughout the book help make this one of the best single-source reference guides. Quality practitioners, registrars, and those preparing for certification exams will find this book to be a useful tool. The new edition expands on established techniques and addresses both internal and supplier auditing as it relates to any quality management system, including ISO 9001, GMP, automotive, and others. The purpose of this book is to provide hands-on guidelines for using electronic communication tools as part of the auditing process. The pros and cons of conducting e-audits and their consequences will be reviewed. There are situations when e-auditing techniques are more efficient, and other times they may be less efficient and even lead to questionable audit report conclusions. In this book we provide proven techniques for conducting remote audits (eAudits) and explore eAuditing practices to help organizations make informed decisions regarding their use. A ten point eAudit program implementation checklist is included with the book. Combined, the two authors have over 20 years' experience conducting remote audits and using virtual communication technologies.

SQA (software quality assurance) is a critical factor that all software engineers and developers need to master, and this thoroughly revised fourth edition of the popular book, Handbook of Software Quality Assurance, serves as a one-stop resource for complete and current SQA knowledge. Emphasizing the importance of CMMI registered] and key ISO requirements, this unique book discusses a wide spectrum of real-world experiences and key issues presented in papers from leading experts in the field. The fourth edition is a significant update to past editions, providing the very latest details on current best practices and explaining how SQA can be implemented in organizations large and small. Practitioners find an updated discussion on the American Society for Quality (ASQ) SQA certification program, covering the benefits of becoming an ASQ certified software quality engineer. The book also helps readers better understand the requirements of the ASQ's CSQE examination.

This best-selling book is now revised and fully updated! it encompasses the new body of knowledge and covers nearly every aspect of the audit function. Though a valuable resource for studying for the CQA examination, it is also meant to be the single source for auditors, audit managers, audit teams, and quality professionals in the field.

ISO 9001:2015 includes many changes that not only affect the companies aiming to achieve certification to it, but also auditors. This book is the resource auditors need to fully understand ISO 9001:2015 and help them perform audits to it. This book integrates two different types of audit strategies, conformance audits and performance audits, into one process approach audit. Conformance audits confirm that the organization is meeting the requirements of the standard, while performance audits confirm that the QMS is achieving its intended results. The book includes: An introduction to ISO 9001:2015 An auditing strategy for ISO 9001:2015 How to conduct a Stage 1 audit for ISO 9001:2015 How to conduct a Stage 2 on-site audit for ISO 9001:2015 Appendices include an introduction to process focus, an assessment report template for Stage 1 audits, a confidential assessment report template for Stage 2 audits, and an ISO 9001:2015 conformance checklist.

A comprehensive reference manual to the Certified Quality Engineer Body of Knowledge and study guide for the CQE exam.

This best-seller pocket guide prepares auditors to conduct internal audits against quality, environmental, safety, and other audit criteria. This handy pocket guide covers all the steps necessary to complete an internal audit, from assignment to follow-up. New and updated chapters reflect new techniques to address vogue requirements, more illustrations and examples, ISO 19011 thinking, and verification of auditee follow-up actions. This condensed, easy-to-read book is a valuable resource and great tool for training others on how to perform an internal audit. It is appropriate for those who have no prior knowledge of audit principles or techniques.

ASQ's Certified Quality Improvement Associate (CQIA) certification is designed to introduce the basics of quality to organizations and individuals not currently working within the field of quality. This book and the Body of Knowledge (BOK) it supports are intended to form a foundation for further study and application of proven quality principles and practices worldwide. The book follows the CQIA BoK in both content and sequence. The intent is that this book will serve as a guide to be used in preparation to take the CQIA examination given by ASQ. Each chapter stands alone, and the chapters may be read in any order. Some material reaching beyond the content of the BoK has been added. Supplemental reading suggestions are provided. An online, interactive sample exam and a paper-and-pencil sample can be found on the ASQ website (<http://asq.org/cert/quality-improvement-associate/prepare>).

This book is an introductory book on improving the quality of a process or a system, primarily through the technique of statistical process control (SPC). There are numerous technical manuals available for SPC, but this book differs in two ways: (1) the basic tools of SPC are introduced in a no-nonsense, simple, non-math manner, and (2) the methods can be learned and practiced in an uncomplicated fashion using free software (eZ SPC 2.0), which is available to all readers online as a downloadable product. The book explains QC7 Tools, control charts, and statistical analysis including basic design of experiments. Theoretical explanations of the analytical methods are avoided; instead, results are interpreted through the use of the software.

The Biomedical Quality Auditor Handbook was developed by the ASQ Biomedical Division in support of its mission to promote the awareness and use of quality principles, concepts, and technologies in the biomedical community. This third edition correlates to the 2013 exam Body of Knowledge (BoK) and reference list for ASQ's Certified Biomedical Auditor program. It includes updates and corrections to errors and omissions in the second edition. Most notably it has been re-organized to align more closely with the BoK.

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