



Training Course on "Certified Pharmaceutical GMP Professional Certification (CPGP) Preparation"

Seetharam Kandarpa,

PMP, ASQ ConnEx Expert, ASQ CMQ/OE, ASQ CQA, ASQ CMDA, ASQ CSQE, ASQ CPGP, ASQ CSSGB, RAC Drugs, RAC Devices

Founder & Director- Shaarkview Consultancy (OPC) Private Limited

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 Overview of Pharmaceutical GMP Professional Certification (CPGP) Program

 Overview of Training Course on "Certified Pharmaceutical GMP Professional Certification (CPGP) Preparation"

Wrap up





Introduction

Objective

- To provide a brief overview of
 - Pharmaceutical GMP Professional Certification (CPGP) Program.
 - Training Course on "Certified Pharmaceutical GMP Professional Certification (CPGP)
 Preparation"

Scope

This course is useful to the organizations that are intending to enrich

 competencies of their employees who are aspiring to attempt ASQ CPGP exam to become Certified Pharmaceutical GMP Professional.

Introduction of Trainer



Seetharam Kandarpa
Founder & DirectorShaarkview Consultancy
(OPC) Private Limited
Ph: +91-9892968049
seetharam.kandarpa@shaarkview.com

in



www.shaarkview.com





- A seasoned professional, Trainer, Auditor, Data Scientist and Consultant providing consulting services to Pharmaceutical/ Medical Devices/ Food Products/ Other industries.
- ASQConnex Expert, CMQ/OE, CPGP, CQA, CMDA, CSQE and CSSGB by American Society for Quality (ASQ).
- Vice Chair (VC) Member eNgagement ASQ Quality Management Division Community.
- VoC Chair- ASQ Customer-Supplier Division Community.
- Leader of Community of Excellence, Drugs- ASQ Food, Drug, and Cosmetic Division
- RAC-Drugs and RAC- Devices holder from Regulatory Affairs Professional Society (RAPS).
- PMP by Project Management Institute (PMI).
- Certified ISO 13485 Internal Auditor by DQS (Deutsch Quality Systems).
- 22+ years of experience in the areas of Production & Quality Assurance in GxP Industry. Previously worked with Abbott, Ipca, Dr. Reddy's, Mylan (Viatris), Alembic and Aurobindo.
- MS in Data Science from Eastern University, USA in 2024; M. Sc. in Chemistry from MP Bhoj (Open) University, India in 2006; and B. Sc. in Chemistry from Andhra University, India in 2002.
- LinkedIn: https://www.linkedin.com/in/seetharamkandarpa/























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Introduction of Trainer



Founder & Director-Shaarkview Consultancy (OPC) Private Limited

Ph: +91-9892968049 seetharam.kandarpa@shaarkview.com www.shaarkview.com









- We, at Shaarkview Consultancy, provide consulting services to Pharmaceutical/ Medical Devices/ Food Products/ Other industries majorly aiming on:
 - Quality Strategy/ Quality Culture
 - GxP Training / Coaching for ASQ/ RAC certifications
 - Quality Audits (manufacturing sites/ vendors/ warehouses/ distribution centres etc.)
 - Inspection/ Audit Readiness, Inspection Response and Remediation Support
 - Quality Management Systems: Quality Risk Management, Change management, Deviation Management, CAPA, Vendor Management, Qualification & Validation, Software Quality Engineering etc.
 - Compliance consultation
 - Quality Improvements/ Lean Management/ Cost of Quality
 - Project Management
 - Regulatory Affairs Strategies
 - Data Science and Analytics
 - · Others as needed by Clients
- Our services are available across Asia, North America, Europe, Australia, Latin America and Africa.





















ASQConnex Expert Profile



1 / ASQConnEx / Find an Expert / Seetharam Kandarpa



SEETHARAM KANDARPA CPGP, CQA, CMQ/OE, CSSGB, CMDA, CSQE



REQUEST PROPOSAL

ADD TO COMPARISON LIST

Education

M. Sc.

Madhya Pradesh Bhoj (Open) University Bhopal, India

B. Sc.

Andhra University Kakinada, India

Master of Science (MS) Eastern University Philadelphia, USA

Industries

Business & Professional Services - Consulting, Engineering, Human

Hesources

Healthcare - Medical Devices/Pharmaceuticals
Healthcare - Services, Providers, Supplies

Technology - Equipment/Software & Services

Languages

English

Travel Preferences

Internationa

ASQConnEx Credentials & Certifications



Professional Experience

Seetharam Kandarpa is a seasoned Professional, Trainer, Auditor, Data Scientist and Consultant providing consulting services to Pharmaceutical/ Medical Devices/ Other GxP industries. Seetharam is Founder & Director of SHAARKVIEW CONSULTANCY (www.shaarkview.com).

Seetharam did MS in Data Science from Eastern University, USA in 2024; M. Sc. in Chemistry from MP Bhoj (Open) University, India in 2006; and B. Sc. in Chemistry from Andhra University, India in 2002. He holds various professional certifications such as CMQ/OE, CPGP, CQA, CMDA, CSQE, CSSGB from ASQ; Regulatory Affairs Certified (RAC-Drugs and RAC- Devices) from Regulatory Affairs Professional Society (RAPS); Certified Project Management Professional (PMP) by Project Management Institute (PMI) and Certified ISO 13485 Internal Auditor by DQS (Deutsch Quality Systems).

Seetharam has over 21 years of industrial experience in the areas of Production & Quality Assurance in GxP Industry in various leadership positions with major companies such as Abbott, Ipca, Dr. Reddy's, Mylan (Viatris), Alembic and Aurobindo. He has a versatile experience in complying various regulations/ standards such as 21 CFR, ICH, IVHO, EMA, PIC/S, Canada GMP, TGA, GAMP5, ISO 9001, ISO 13485 and ISO 19011 etc. He has experience in conducting, as Lead Auditor, audits of GxP sites, dealing with quality system elements such as personnel training, quality risk management, deviation, change control, internal audits, supplier management, management review, complaints, recall, CAPA etc. and working with GXP software applications such as TrackWise, ISOtrain, SumTotal, myProcess, API VR training programs.

Seetharam has a rich experience in conducting training programs & presenting in professional seminars/ conferences across the world. He has proven expertise in dealing with large geographically and culturally diverse teams.

Seetharam's Purpose of Career: "Learning Unknown, Helping Community & Earning Respect".

Current Courses

Auditing for Improved Supplier Performance

Corrective and Preventive Action

Certified Manager of Quality/Organizational Excellence Certification Preparation

Certified Quality Auditor Certification Preparation

Introduction to Supplier Management

Quality/Engineering Tools for Supplier Management

Supplier Quality Professional: An Introduction



ASQConnex Expert Profile

About ASQ ConnEx:



ASQConnEx is an education delivery system and network that vets, designates, and connects quality subject matter experts with organizations to advance their excellence journey. Organizations can build competencies needed to achieve strategic objectives by engaging a vast network of ASQ-authorized subject matter experts in the field of quality. Experts gain a professional advantage by aligning with the world's leading quality association and gaining access to ASQ-licensed education and certification preparation content. The end result- Empowering individuals, organizations, and communities to achieve excellence through quality.

For more details, refer https://asq.org/asqconnex

ASQ Certifications

Seetharam Kandarpa

has satisfactorily fulfilled the requirements established by ASQE for professional attainment of the

CERTIFIED MANAGER OF QUALITY/ ORGANIZATIONAL EXCELLENCE

Date Issued: September 12, 2017 Expiration Date: June 30, 2027







VERIFIED CERTIFICATE

Certificate Number: 54772



Seetharam Kandarpa

has satisfactorily fulfilled the requirements established by ASQE for professional attainment of the

CERTIFIED PHARMACEUTICAL GMP **PROFESSIONAL**

Date Issued: June 7, 2014

Expiration Date: June 30, 2027

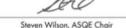






VERIFIED CERTIFICATE

Certificate Number: 381





ASQ Certifications

Seetharam Kandarpa

has satisfactorily fulfilled the requirements established by ASQE for professional attainment of the



Date Issued: December 6, 2014 Expiration Date: June 30, 2027







VERIFIED CERTIFICATE

Certificate Number: 49009



Seetharam Kandarpa

has satisfactorily fulfilled the requirements established by ASQE for professional attainment of the

CERTIFIED MEDICAL DEVICE AUDITOR

Date Issued: November 24, 2021 Expiration Date: June 30, 2027







VERIFIED CERTIFICATE

Certificate Number: 2130



Steven Wilson, ASQE Chair

ASQ Certifications

Seetharam Kandarpa

has satisfactorily fulfilled the requirements established by ASQE for professional attainment of the

CERTIFIED SOFTWARE QUALITY **ENGINEER**

Date Issued: October 27, 2023

Expiration Date: December 31, 2027







VERIFIED CERTIFICATE

Certificate Number: 6871



Seetharam Kandarpa

has satisfactorily fulfilled the requirements established by ASQE for professional attainment of the



Date Issued: December 10, 2018









Steven Wilson, ASQE Chair

RAPS Certifications

RAPS Institute
Regulatory Affairs Certification (RAC)



Seetharam Kandarpa

Is hereby recognized as a **RAC-Drugs** certified professional for the three-year period starting on 4/16/2022 and ending on 06/30/2028

Certified since 12/15/2019

Linda Bowen RAPS Institute Chair Comily Destitle

Emily Nesbitt RACB Chair

RAPS Institute
Regulatory Affairs Certification (RAC)



Seetharam Kandarpa

Is hereby recognized as a **RAC-Devices** certified professional for the three-year period starting on 4/16/2022 and ending on 06/30/2028

Certified since 04/16/2022

Linda Bowen

RAPS Institute Chair

Comily Destitl

Emily Nesbitt RACB Chair

PMP & Other Certifications





Overview of Pharmaceutical GMP Professional Certification (CPGP) Program



Basics

- The Certified Pharmaceutical GMP Professional Certification (ASQ CPGP) [1]
 - Understands the **good manufacturing practices (GMP)** as regulated and guided by national and international agencies for the pharmaceutical industry.
 - Covers finished human and veterinary drugs and biologics, ectoparasiticides, and dietary supplements (alternatively called nutraceuticals) where regulated as *drug products*, as well as their *component raw materials* (includes active pharmaceutical ingredients (APIs) and excipients), and *packaging*, and labeling operations.
- Pharmaceutical GMP Professional Certification Body of Knowledge (BoK) (PDF)
- Pharmaceutical GMP Professional Certification Fact Sheet (PDF)

Requirements and Education

REQUIREMENTS

5

Years of on-the-job experience in one or more areas of the Certified Pharmaceutical GMP Body of Knowledge. 3

*Years of on-the-job experience must be in a "Decision-making" position.

Candidates must have worked in a full-time, paid role.

*A "Decision-making" position is defined as the authority to define, execute, or control projects/processes and to be responsible for the outcome. This may or may not include management or supervisory positions.

EDUCATION

There are no Education waivers for this exam.



Body of Knowledge



Topic	Questions	Weightage %
I. Regulatory Agency Governance (17 Questions)	17	11.33
II. Quality Systems (26 Questions)	26	17.33
III. Laboratory Systems (20 Questions)	20	13.33
IV. Infrastructure: Facilities, Utilities, Equipment (17 Questions)	17	11.33
V. Materials and Supply Chain Management (17 Questions)	17	11.33
VI. Sterile and Nonsterile Manufacturing Systems (22 Questions)	22	14.67
VII. Filling, Packaging, Labeling (18 Questions)		12.00
VIII. Product Development and Technology Transfer (13 Questions)		8.67
Total	150	100.00

I. Regulatory Agency Governance (17 Questions)

- A. Global regulatory framework
- B. Regulations and guidances
- C. Mutual recognition agreements
- D. Regulatory inspections
- E. Enforcement actions
- F. Regulatory agency reporting
- G. Site Master File (SMF), Validation Master Plan (VMP), Drug Master File (DMF), and Site Reference File (SRF)

II. Quality Systems (26 Questions)

- A. Quality management system (QMS)
- B. Quality unit (site) management
- C. Risk management and assessment
- D. Training and personnel qualification
- E. Change control and management
- F. Investigations and corrective and preventive action (CAPA)
- G. Audits and self-inspections
- H. Documents and records management
- I. Product complaints and adverse event reports
- Product trend requirements
- K. Supplier and contractor quality management

III. Laboratory Systems (20 Questions)

- A. Compendia (United States, Europe, and Japan)
- B. Laboratory investigations of atypical results
- C. Instrument management
- D. Specifications
- E. Laboratory record-keeping and data requirements
- F. Laboratory handling controls
- G. Stability programs

IV. Infrastructure: Facilities, Utilities, and Equipment (17 Questions)

- A. Facilities
- B. Utilities
- C. Equipment
- D. Qualification and validation
- E. Maintenance and metrology systems
- F. General cleaning, sanitization, and sterilization systems
- G. Automated or computerized systems
- H. Business continuity and disaster recovery planning



V. Materials and Supply Chain Management (17 Questions)

- A. Receipt of materials
- B. Sampling processes
- C. Material storage, identification, and rotation
- D. Shipping and distribution
- E. Traceability and sourcing
- F. Salvaged/returned goods and destruction

VI. Sterile and Nonsterile Manufacturing Systems (22 Questions)

- A. Master batch and completed batch records
- B. Production operations
- C. In-process controls
- D. Dispensing and weighing controls
- E. Requirements for critical unit processes
- F. Contamination and cross-contamination
- G. Reprocessed and reworked materials

VII. Filling, Packaging, and Labeling (18 Questions)

- A. Filling operations and controls
- B. Environmental monitoring
- C. In-process and finished goods inspections
- D. Product inspection
- E. Packaging operations and controls
- F. Labeling operations and controls
- G. Filling and packaging records

VIII. Product Development and Technology Transfer (13 Questions)

- A. Quality by design concepts
- B. Phase-appropriate Good Manufacturing Practices (GMP) requirements
- Raw materials, packaging, and infrastructure for product development
- D. New product development studies and reports
- E. Scale-up and transfer activities





Examination

- Each certification candidate is required to pass an examination that consists of multiplechoice questions that measure comprehension of the Body of Knowledge.
- Computer Delivered The CPGP examination is a one-part, 165- multiple choice question exam, and is offered in English only. 150 multiple choice questions are scored and 15 are unscored. Total appointment time is four-and-a-half-hours, exam time is 4 hours and 18 minutes.
- Paper and Pencil The CPGP examination is a one-part, 150- multiple choice question, four-hour exam and is offered in English only.
- All examinations are open book. Each participant must bring his or her own reference materials. Use of reference materials and calculators is explained in the FAQs [2].

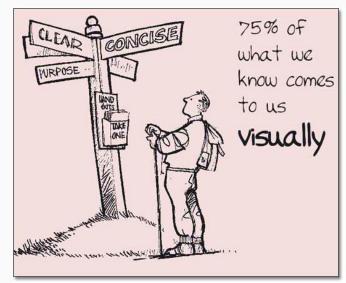


- Examination
 - Is Exam tough or easy?



Exam is neither tough nor easy







^{[1] &}quot;Pharmaceutical GMP Professional Certification CPGP", asq, https://www.asq.org/cert/pharmaceutical-gmp . Accessed on 12 Mar 2025.

^{[2] &}quot;General FAQs", asq. https://www.asq.org/cert/faq. Accessed on 19 Oct 2024.



Computer-Based Testing Dates

ASQ certification examinations are delivered by ASQ's testing partner, Prometric.

The examination scheduling instructions in your eligibility letter will direct you to a section of Prometric's website, where you can select and schedule your examination date and location.

APPLY NOW

TESTING WINDOW

FEBRUARY 1 - 28, 2025

Application Deadline:

Deadline Passed

TESTING WINDOW

APRIL 1 - 30, 2025

Application Deadline:

March 10, 2025

TESTING WINDOW

JUNE 1 - 30, 2025

Application Deadline:

May 12, 2025

TESTING WINDOW

AUGUST 1 - 31, 2025

Application Deadline:

July 14, 2025

Source

[2] "General FAQs", asq. https://www.asq.org/cert/faq. Accessed on 19 Oct 2024.



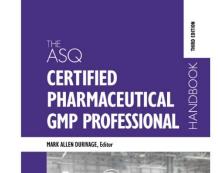
^{[1] &}quot;Pharmaceutical GMP Professional Certification CPGP", asq, https://www.asq.org/cert/pharmaceutical-gmp . Accessed on 12 Mar 2025.



Prepare for the exam

Review a list of <u>references</u> that provide the basis for the exam questions. These items give you a better idea of the material covered in the exam.





CPGP Question Bank

The CPGP Question Bank provides sample exam questions based on the CPGP Body of Knowledge. Includes simulated timed exam and review modes.

CPGP Handbook

The Certified Pharmaceutical GMP Professional Handbook, Third Edition is a companion guide to your exam's Body of Knowledge. The handbook can be used during your open-book exam!

CPGP Question Bank [3]

CPGP Handbook [4]

Source:

^{[1] &}quot;Pharmaceutical GMP Professional Certification CPGP", asq, https://www.asq.org/cert/pharmaceutical-gmp . Accessed on 12 Mar 2025.

^{[3] &}quot;Certified Pharmaceutical GMP Professional Question Bank", asq, https://asq.org/training/certified-pharmaceutical-gmp-professional-question-bank-gbcpgp2016asq. Accessed on 12 Mar 2025.

^{[4] &}quot;The ASQ Certified Pharmaceutical GMP Professional Handbook, Third Edition", asq, https://asq.org/quality-press/display-item=H1634. Accessed on 12 Mar 2025.



• Exam Results [5]

- Computer-Based Tests
 - You will be presented with your test results at the Prometric testing center on your screen as well as a follow-up email with your test results (from Prometric).
 - In approximately seven days, you will receive your official ASQ results email notification as well as a short survey about your exam experience.
- ASQE uses procedures that meet the Standards for Educational and Psychological Testing, which were developed jointly by the American Educational Research Association (AERA), the American Psychological Association (APA) and the National Council on Measurement in Education (NCME).

Click here to view full details of exam grading process [6].



^{[1] &}quot;Pharmaceutical GMP Professional Certification CPGP", asq, https://www.asq.org/cert/pharmaceutical-gmp . Accessed on 12 Mar 2025.



^{[5] &}quot;Exam Results FAQs", asq, https://www.asq.org/cert/faq/faq-exam-results#results-top. Accessed on 19 Oct 2024.

^{[6] &}quot;Frequently Asked Questions", asq, https://www.asq.org/cert/fag/exam-grading-process. Accessed on 19 Oct 2024.



• Exam Results [5]

ASQ passing rate for CPGP exam [6]

		Tuss Raies by Exam		
Exam	2022	2023	2024	
CCT	64%	64%	61%	
CFSQA	64%	57%	62%	
CMQ/OE	54%	60%	67%	
CMDA	73%	63%	75%	
CPGP	48%	47%	42%	
CQA	70%	73%	72%	
CQE	69%	78%	69%	
CQI	60%	64%	60%	
CQIA	73%	74%	76%	
CQPA	68%	68%	66%	
CQT	64%	60%	69%	
CRE	58%	73%	70%	
CSQE	72%	64%	64%	
CSQP	61%	60%	68%	
CSSBB	76%	75%	73%	
CSSGB	69%	76%	77%	
CSSYB	80%	81%	83%	
CMBB	65%	76%	89%	

Pass Rates by Exam

Source:



^{[1] &}quot;Pharmaceutical GMP Professional Certification CPGP", asq, https://www.asq.org/cert/pharmaceutical-gmp . Accessed on 12 Mar 2025.

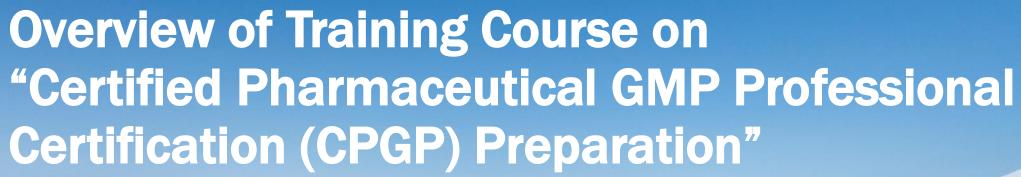
^{[5] &}quot;Exam Results FAQs", asq, https://www.asq.org/cert/faq/faq-exam-results#results-top. Accessed on 19 Oct 2024.

^{[6] &}quot;Frequently Asked Questions", asq, https://www.asq.org/cert/fag/exam-grading-process . Accessed on 04 Mar 2025.



Recertification [7]

- To maintain the integrity of your CPGP certification, ASQ requires that you recertify every three years.
- Find out the steps you need to take for <u>recertification</u> [7].
- CREDENTIAL HOLDERS MUST:
 - Obtain 18 recertification units (RUs) within a three-year recertification period.
 - Retake the certification exam at the end of the 3-year recertification period.





Training Course by Seetharam Kandarpa, Shaarkview [8]

The <u>Certified Pharmaceutical GMP Professional certification</u> preparation course is presented in a way that reinforces current knowledge, re-introduces applications that may not be used every day, explains the rationale for use, and highlights multiple-choice sample questions. Also, students will receive course materials.

Learning Objectives:

- Review the <u>Body of Knowledge for the Certified Pharmaceutical GMP Professional</u> Examination.
- Attain high scores on practice questions similar to the actual CPGP exam.
- Identify and take remedial action on gaps in your understanding of the CPGP BoK.

Training Course by Seetharam Kandarpa, Shaarkview [8]

Course Outline:

- I. Regulatory Agency Governance
- II. Quality Systems
- III. Laboratory Systems
- IV. Infrastructure: Facilities, Utilities, Equipment
- V. Materials and Supply Chain Management
- VI. Sterile and Nonsterile Manufacturing Systems
- VII. Filling, Packaging, Labeling
- VIII. Product Development and Technology
 Transfer

Who Should Attend:

Individuals who desire to reinforce their skills, knowledge, and capacity to understand the Certified Pharmaceutical GMP Professional Body of Knowledge in preparation for taking the Certified Pharmaceutical GMP Professional examination.

Note: Taking this course does not constitute, nor imply, the successful passing of the ASQ Certified Pharmaceutical GMP Professional examination.

Training Course by Seetharam Kandarpa, Shaarkview [8]

Format: Live Virtual/ Face-to-Face

Course Duration: 24 hours (3 days)

Training Days: 3- Weekdays (Mon/Tue/Wed/Thu/Fri), 09.00 to 18.00 Hr

Language of Instruction: English

Instructor: Seetharam Kandarpa

Training Fee for Organization specific training (of 6-15 students) for Face-to-Face or Live Virtual training program: <u>Contact Us</u>

Training Course by Seetharam Kandarpa, Shaarkview [8]

Procedure for Training Program:

- 1. Purchase agreement between Shaarkview and the Organization.
- 2. Finalization of training dates and list of students (name, mail id etc.)
- 3. Students will receive instructions to receive/ download the training material from Shaarkview through mail before 1 week of training class.
- 4. Students will attend the training class (all sessions without fail).
- 5. Students will receive training completion certificate from Shaarkview.
- 6. Students will prepare for further for their journey towards attempting CPGP exam to get certified.

NOTE: You may seek our support during your journey towards CPGP exam, as needed.



Wrap Up

What New Skills and Techniques Will You Learn?

- A fundamental understanding of regulatory agency governance including global regulatory frameworks, relevant regulations and guidelines, and mutual recognition agreements.
- The elements and requirements of a quality system, various types of audits and self-inspections, and record management systems.
- Factors relating to laboratory systems, including relevant compendia for United States, Europe, and Japan; investigations of aberrant laboratory results; and instrument control and record-keeping.
- Requirements and specifications for construction of facilities, utilities, and equipment; evaluation of automated or computerized systems; and application of business continuity plans and disaster recovery techniques.

- Sampling plans and procedures for shipping and receiving materials; analysis of in-house storage, identification, and rotation of materials; and requirements for materials' traceability and sourcing, including returned goods.
- Sterile and nonsterile manufacturing systems, analysis of master and completed batch records, material control procedures, and contamination controls.
- Product design factors, phase-appropriate GMP requirements, filling and packaging operations and controls, and analysis of technology transfer activities.

What Is the Value to Your Company?

 Good manufacturing practices (GMPs) ensure that pharmaceutical products are safe, efficacious, and pure. Employees who have obtained certification as a Pharmaceutical GMP Professional have a demonstrated, extensive, and proven knowledge of the quality system, ensuring that high-quality products are delivered to the consumer. With their breadth of knowledge, employees holding a CPGP can support nearly any aspect of your company's business and deliver exceptional performance.

What Is the Value to You?

- Improved knowledge, skills, and abilities qualify you for more positions within modern business industries that require demonstrated competency in pharmaceutical GMPs.
- CPGPs with a job title of manager make an average salary of \$105k per year; compared to those without certification, who make approximately \$93k (national average).*
- *Please see the current Quality Progress Salary Survey at: asq.org/qualityprogress/ under Tools and Resources.

- Do SWOT analysis
- Plan your preparation
- Prepare well for exam (3-6 months)
 - Learn from Shaarkview
 - Take other-course
- Be confident and apply for exam
- Attempt well
- Be certified in 1st attempt.

Think Practically,
Analyze Logically,
Perform Heartfully &
Earn Success Automatically!!!

- Seetharam Kandarpa



References

- [1] "Pharmaceutical GMP Professional Certification CPGP", asq, https://www.asq.org/cert/pharmaceutical-gmp . Accessed on 12 Mar 2025
- [2] "General FAQs", asq, https://www.asq.org/cert/faq. Accessed on 19 Oct 2024.
- [3] "Certified Pharmaceutical GMP Professional Question Bank", asq, https://asq.org/training/certified-pharmaceutical-gmp-professional-question-bank-qbcpgp2016asq. Accessed on 12 Mar 2025.
- [4] "The ASQ Certified Pharmaceutical GMP Professional Handbook, Third Edition", asq, https://asq.org/quality-press/display-item?item=H1634. Accessed on 12 Mar 2025.
- [5] "Exam Results FAQs", asq, https://www.asq.org/cert/faq/faq-exam-results#results-top. Accessed on 19 Oct 2024.
- [6] "Frequently Asked Questions", asq, https://www.asq.org/cert/faq/exam-grading-process . Accessed on 04 Mar 2025.
- [7] "Recertification", asq, https://www.asq.org/cert/recertification. Accessed on 19 Oct 2024.
- [8] "Certified Pharmaceutical GMP Professional Certification Preparation", shaarkview, https://www.shaarkview.com/pharmaceutical-gmp-professional. Accessed on 04 Mar 2025.



Thank You



Seetharam Kandarpa,

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seetharam.kandarpa@shaarkview.com

www.shaarkview.com







