

Benefits of ASQ Certification

Presentation to Hartford Section 0103

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What is ASQ Certification?

A formal recognition by ASQ that an individual has demonstrated a proficiency within, and comprehension of, a specified Body of Knowledge at a point in time.



ASQ Certification Recognition

- **Internationally accepted and recognized**
- **Represents a keen knowledge of quality tools/skills**
- **A recognition of excellence for 50 years**
- **More than 300,000 certifications have been issued worldwide.**



ASQ Certifications Offered

- Biomedical Auditor
- Calibration Technician
- HACCP Auditor
- Manager of Quality/Organizational Excellence
- Master Black Belt
- Pharmaceutical GMP Professional
- Quality Auditor
- Quality Engineer
- Quality Improvement Associate
- Quality Inspector
- Quality Process Analyst
- Quality Technician
- Reliability Engineer
- Six Sigma Black Belt
- Six Sigma Green Belt
- Software Quality Engineer
- Supplier Quality Professional



Benefits of Certification

Benefits by the Numbers

More than 300,000 ASQ certifications have been issued worldwide. Those formally recognized with the various certifications have reported earning a **28 PERCENT HIGHER SALARY** than those without. They have used their certification as a **DIFFERENTIATOR IN THE WORKPLACE**, resulting in promotions and acting as a **STEPPING STONE** to their next career move. ASQ certification not only **INCREASES YOUR OWN PERSONAL VALUE**, but also the value in your organization as you implement the key knowledge you'll take away. Plus, you will get **INSTANT RESULTS** for multiple-choice exams.

For more information, visit asq.org/cert.



Key Benefits to Members

CERTIFICATION CAN ...

- Differentiate you.
- Enhance career opportunities and earning capacity.
- Help you evaluate people and opportunities.
- Increase peer and leadership confidence in you.
- Demonstrate mastery of best practices.
- Expand your social network.

Hear what others have said about the value of their ASQ certification:
asq.org/asqtv-certification





TABLE 1

Differences in salary for ASQ certification

Job title	Certification	Number of respondents	Average without certification	Average with certification	Salary premium, U.S. \$	Percentage premium
Quality engineer	Manager of quality/organizational excellence	80	\$84,111	\$100,461	\$16,351	19.4%
Manager	Manager of quality/organizational excellence	201	96,905	108,526	11,621	12.0
Director	Manager of quality/organizational excellence	96	129,481	140,571	11,090	8.6
Manager	Six Sigma Black Belt	83	97,588	114,973	17,385	17.8
Black Belt	Six Sigma Black Belt	58	93,913	106,726	12,812	13.6
Quality engineer	Six Sigma Black Belt	50	85,115	95,346	10,231	12.0
Director	Six Sigma Black Belt	35	131,192	141,410	10,218	7.8
Inspector	Quality inspector	37	48,024	53,324	5,300	11.0
Manager	Quality engineer	235	96,772	107,451	10,679	11.0
Quality engineer	Quality engineer	318	82,117	91,202	9,084	11.1
Director	Quality engineer	72	130,343	140,185	9,842	7.6
Auditor	Quality auditor	81	75,368	85,283	9,915	13.2
Quality engineer	Quality auditor	171	83,649	93,439	9,790	11.7
Specialist	Quality auditor	65	74,497	82,604	8,107	10.9

Table 1 includes results for: x Full-time employees, _ Part-time employees, x U.S. employees, x Canadian employees, _ International employees

Note: Because U.S. and Canadian salaries are being viewed together, Canadian salaries have been converted to U.S. dollars using the exchange rate in effect July 1, 2017.



TABLE 2 - PART A

Salary by ASQ certification and job title for U.S. respondents

	Biomedical auditor	Calibration technician	HACCP auditor	Manager of quality/organizational excellence	Pharmaceutical GMP professional	Quality auditor	Quality engineer	Quality improvement associate	Quality inspector
All respondents	\$118,919 ⁶⁸	\$74,873 ⁵²	\$94,959 ⁴¹	\$117,187 ⁴⁸⁷	\$123,648 ²³	\$100,095 ³³⁶	\$103,715 ⁸⁷²	\$74,096 ¹⁷⁷	\$72,955 ¹⁵⁷
Analyst	—	—	53,500 ²	72,740 ⁵	—	73,395 ²¹	81,423 ¹¹	72,364 ⁴	62,500 ²
Associate	—	—	—	—	—	69,021 ²⁰	86,750 ⁴	50,485 ¹²	—
Auditor	114,771 ⁷	—	67,000 ²	99,167 ⁶	110,000 ²	84,765 ⁷⁷	106,819 ¹⁶	66,304 ¹²	81,333 ⁶
Black Belt	n = 1	95,500 ²	n = 1	112,922 ⁹	—	97,300 ¹⁰	96,100 ¹²	132,500 ²	86,250 ²
Calibration technician	—	57,624 ¹⁴	—	—	—	—	—	—	48,667 ³
Champion	—	—	—	110,500 ²	—	—	—	n = 1	—
Consultant	n = 1	n = 1	n = 1	124,547 ¹¹	n = 1	132,850 ²⁰	116,002 ⁷	92,500 ²	n = 1
Coordinator	—	83,900 ²	—	93,091 ³	—	64,339 ¹⁷	n = 1	47,898 ¹³	69,160 ⁵
Director	149,462 ¹³	—	136,833 ⁸	141,604 ⁸⁹	162,074 ⁵	138,653 ³⁵	141,048 ⁶⁹	110,694 ⁹	133,000 ⁷
Educator/instructor	—	—	—	106,575 ⁴	—	96,983 ⁵	100,200 ⁵	n = 1	n = 1
Green Belt	—	—	—	—	—	—	n = 1	n = 1	—
Inspector	—	46,000 ²	—	92,500 ²	—	82,975 ⁵	72,600 ⁵	55,487 ¹¹	53,555 ¹⁶
Manager	112,885 ¹⁴	98,689 ⁹	96,799 ¹⁵	109,041 ¹⁸⁷	112,105 ¹⁰	101,549 ²⁷⁰	108,075 ²²⁰	86,639 ⁴²	86,076 ²¹
Master Black Belt	—	—	—	165,750 ⁸	—	154,986 ⁷	134,368 ¹⁰	—	—
Other	73,500 ²	—	82,500 ⁴	117,925 ⁴	—	90,327 ¹¹	109,570 ¹⁰	n = 1	65,000 ³
Process/manufacturing/project engineer	108,000 ²	84,757 ²	—	113,760 ⁵	n = 1	109,050 ¹⁰	101,180 ²⁸	78,529 ⁷	67,671 ³
Quality engineer	107,353 ¹⁷	84,083 ⁶	n = 1	101,349 ⁷⁷	n = 1	93,887 ¹⁶⁸	91,976 ³⁰⁸	79,219 ²⁴	91,449 ³⁰
Reliability/safety engineer	n = 1	—	—	126,500 ⁴	—	117,167 ⁶	121,351 ²⁴	—	n = 1
Software quality engineer	—	—	—	129,375 ⁹	—	120,252 ⁷	108,800 ⁷	n = 1	—
Specialist	98,040 ⁵	88,000 ³	62,000 ²	104,607 ¹⁵	100,833 ³	81,795 ⁵⁵	85,731 ²⁶	70,727 ⁶	61,400 ⁵
Statistician	—	—	—	n = 1	—	125,000 ²	133,633 ⁷	—	—
Supervisor	—	77,167 ³	55,581 ⁴	80,725 ⁵	—	83,787 ²⁷	91,669 ¹⁸	61,720 ¹⁰	63,571 ⁷
Supplier quality engineer/professional	114,750 ²	n = 1	89,500 ²	101,347 ¹⁹	—	96,669 ⁵⁵	95,027 ⁷¹	80,217 ⁴	81,214 ⁷
Technician	—	53,594 ⁷	—	n = 1	—	52,130 ²⁶	55,500 ¹¹	50,127 ¹³	45,616 ¹⁷
Vice president/executive	152,667 ³	—	n = 1	173,648 ²³	—	179,727 ²²	178,711 ¹⁸	n = 1	—

Table 2 includes results for: x Full-time employees, _ Part-time employees, x U.S. employees, _ Canadian employees, _ International employees

n = 1 indicates that data in a cell are from a single respondent and were suppressed to shield personally identifiable information.

All rows for which no cell had data from more than one respondent have been suppressed to shield personally identifiable information.

Superscript numbers denote the number of respondents.

GMP = good manufacturing practice

HACCP = hazard analysis and critical control point



TABLE 2 - PART B

Salary by ASQ certification and job title for U.S. respondents

	Quality process analyst	Quality technician	Reliability engineer	Six Sigma Master Black Belt	Six Sigma Black Belt	Six Sigma Green Belt	Six Sigma Yellow Belt	Software quality engineer	None
All respondents	\$78,244 ²	\$75,568 ²⁹⁶	\$122,922 ¹⁰¹	\$147,053 ¹⁹	\$114,414 ³³⁷	\$90,853 ²⁶⁷	\$84,128 ²⁸	\$125,384 ⁸²	\$87,748 ^{2,223}
Analyst	61,500 ⁴	n = 1	—	—	86,300 ¹⁰	77,698 ¹³	51,500 ²	118,500 ²	70,678 ⁸⁵
Associate	45,167 ³	—	—	—	n = 1	65,667 ³	—	—	55,494 ³⁶
Auditor	88,299 ²	64,400 ⁵	92,500 ²	—	94,000 ³	85,750 ⁸	54,750 ²	101,500 ²	71,585 ⁵⁶
Black Belt	n = 1	86,250 ²	n = 1	—	108,279 ⁵⁴	99,778 ⁹	—	n = 1	93,542 ²¹
Calibration technician	—	62,556 ²	—	—	—	—	—	—	52,372 ¹²
Champion	—	—	—	—	115,000 ²	—	—	—	102,213 ⁹
Consultant	n = 1	n = 1	—	—	131,567 ¹⁵	107,000 ⁴	—	123,900 ³	108,263 ⁹⁰
Coordinator	30,133 ³	59,922 ²	n = 1	—	n = 1	68,386 ⁹	—	—	57,203 ⁷⁴
Director	122,500 ²	116,988 ¹³	152,182 ¹¹	171,667 ⁶	142,187 ³⁴	110,455 ¹⁵	105,000 ²	160,850 ¹⁰	129,020 ¹⁹⁰
Educator/instructor	n = 1	n = 1	n = 1	—	90,920 ²	114,000 ⁵	n = 1	—	92,370 ²³
Green Belt	—	n = 1	—	—	n = 1	62,287 ⁹	—	—	65,842 ²²
Inspector	38,800 ²	62,132 ¹⁹	—	—	—	n = 1	—	—	44,399 ⁶⁶
Manager	97,050 ¹⁵	91,747 ⁶⁶	117,216 ²⁰	117,400 ⁵	116,041 ⁷⁸	97,636 ⁷⁶	94,165 ⁵	124,709 ¹⁴	94,847 ⁸¹¹
Master Black Belt	—	n = 1	154,000 ⁵	154,000 ⁵	144,966 ²¹	—	—	132,500 ²	137,486 ¹³
Other	n = 1	n = 1	n = 1	—	77,500 ²	59,500 ⁴	86,784 ²	n = 1	79,541 ²³
Process/manufacturing/project engineer	117,500 ²	68,788 ⁷	115,333 ⁵	—	105,959 ²²	94,839 ¹¹	n = 1	120,750 ⁴	83,675 ⁷⁰
Quality engineer	82,759 ¹⁶	80,229 ⁶⁶	114,510 ¹²	—	95,346 ⁵⁰	87,615 ⁵¹	79,700 ⁵	96,366 ¹³	81,658 ¹²⁸
Reliability/safety engineer	—	n = 1	119,512 ²¹	—	105,000 ⁴	94,000 ²	—	123,500 ²	109,267 ¹²
Software quality engineer	—	n = 1	—	—	n = 1	132,500 ²	—	124,285 ²³	104,218 ¹⁹
Specialist	78,214 ⁷	69,193 ¹²	127,250 ⁴	—	97,520 ⁵	80,329 ¹⁴	78,760 ⁴	—	70,627 ¹⁸³
Statistician	—	—	147,095 ⁴	n = 1	133,345 ⁴	—	—	n = 1	129,194 ¹⁸
Supervisor	63,095 ⁵	80,213 ¹¹	—	—	83,900 ⁵	69,638 ⁴	63,383 ³	n = 1	69,768 ⁸²
Supplier quality engineer/professional	—	88,875 ¹²	97,812 ²	—	87,722 ⁹	97,313 ¹⁸	n = 1	—	85,116 ⁵⁰
Technician	52,427 ⁵	48,344 ⁶³	—	—	55,000 ²	51,367 ⁵	—	n = 1	48,119 ¹⁰²
Vice president/executive	—	n = 1	—	134,000 ²	180,567 ¹⁰	200,000 ²	—	247,500 ²	166,884 ⁵⁸

Key Benefits to Organizations

ASQ CERTIFICATION BRINGS VALUE TO YOUR ORGANIZATION THROUGH ...

- Knowledgeable employees who ensure product and service quality.
- Internationally recognized credentials from the global voice of quality.
- Greater employee loyalty and retention.
- On-site group certification administrations.



ASQ Certification Publications



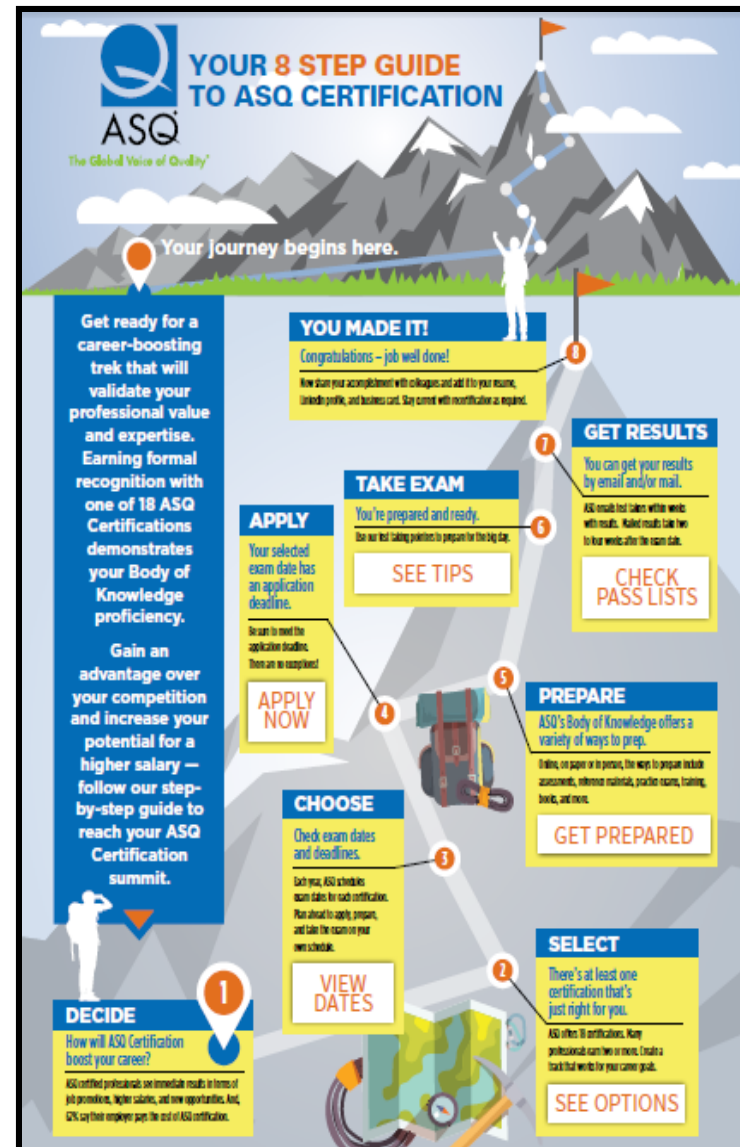
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- PREPARE**
ASQ's Body of Knowledge offers a variety of ways to prep.
Using our paper or in person, the ways to prepare include assessments, reference materials, practice exams, training, books, and more.
- TAKE EXAM**
You're prepared and ready.
Use our test taking pointers to prepare for the big day.
- GET RESULTS**
You can get your results by email and/or mail.
ASQ results are taken within weeks with results. Mailed results take two to four weeks after the exam date.
- YOU MADE IT!**
Congratulations — job well done!
Now share your accomplishment with colleagues and add it to your resume, LinkedIn profile, and business card. Stay current with recertification as required.

SEE TIPS

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Sources For More Information

- <https://asq.org/cert>
- <http://www.nxtbook.com/naylor/ASQM/ASQC12518/index.php#/1>
- <https://asq.org/cert/resource/pdf/certification/ASQ-Journey-Infographic-WEB-READY.pdf>
- <http://videos.asq.org/asq-certification-at-50>
- <http://asq.org/qualityprogress/tools-resources/SalarySurvey/index.htm>

