



ANNUAL RELIABILITY AND MAINTAINABILITY SYMPOSIUM

CERTIFICATION APPLICATION

TO BE USED FOR THE JANUARY 31, 2008, RELIABILITY ENGINEER, SIX SIGMA BLACK BELT, AND SIX SIGMA GREEN BELT EXAMS ONLY

1 ASQ MEMBERSHIP NUMBER

If you are not an ASQ member, leave blank

2 NAME/ADDRESS INFORMATION

Mr. Ms. Dr. Mrs. Is this a new address?

First Name	Middle Initial	Last Name
Address		Apt./Ste.
City, State, Zip Code		Country
Area Code and Telephone Number		
Employer Name		Your Title
Employer Address		
City, State, Zip Code		Country
Area Code and Telephone Number		Fax Number
E-mail Address		

3 FEE

Check the applicable box below. If you are interested in becoming a member, include payment for membership options with your certification fee. You may pay by check, money order, bank draft, (U.S. currency drawn on a U.S. bank) Visa, MasterCard, or American Express. Tuition vouchers and purchase orders not accepted. **Your application will be returned unprocessed if payment is not enclosed. \$50.00 of your fee is an application fee and is not refundable.**

CERTIFIED RELIABILITY ENGINEER

- ASQ Member \$210.00 U.S.
- Nonmember \$360.00 U.S.
- Exam Retake \$160.00 U.S.

CERTIFIED SIX SIGMA BLACK BELT

- ASQ Member \$240.00 U.S.
- Nonmember \$390.00 U.S.
- Exam Retake \$190.00 U.S.

CERTIFIED SIX SIGMA GREEN BELT

- ASQ Member \$155.00 U.S.
- Nonmember \$305.00 U.S.
- Exam Retake \$105.00 U.S.

Visa MasterCard American Express (Check one)

Cardholder's Name *(please print)*

Credit Card Number Exp. Date

Signature

Fees subject to change without notice.

4 EXAMINATION DATE

Exam Date January 31, 2008 **Application Deadline** January 4, 2008

Your application must be received by the application deadline. On-site registration for CRE and CSSGB only will be accepted if space is available.

5 EXAMINATION SITE

RELIABILITY AND MAINTAINABILITY SYMPOSIUM
PALACE STATION HOTEL & CASINO
LAS VEGAS, NV
EXAM TIME: 8:00 a.m. – noon

6 EDUCATION

Complete the entire section below showing the **highest** completed educational degree or diploma you have received. Credit is not issued for nondegree education or for partially completed degree programs. **International applicants must provide documentation to verify educational equivalency.**

Degree or Diploma	Year
Name and Location of Institution	

7 WORK EXPERIENCE

IF YOU DO NOT MEET ALL OF THE NECESSARY QUALIFICATIONS, YOU WILL NOT BE ALLOWED TO TAKE THIS EXAM.

Certification as a Reliability Engineer requires that you have at least **eight** years of higher education and/or work experience in one or more of the areas of the CRE Body of Knowledge, including a minimum of **three** years in a decision-making position.

Certification as a Six Sigma Black Belt requires two completed projects with signed affidavits **or** one project with signed affidavit and three years of work experience, as it pertains to the Body of Knowledge. No education waiver given.

Certification as a Six Sigma Green Belt requires three years of work experience within the Body of Knowledge. No education waiver given. No affidavit is required.

"Decision-making" 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. If you have completed a degree, diploma, or certificate program beyond high school, you may waive some of the required experience as follows.

- Certificate/diploma from a technical or trade school 1 year
- Associate degree (college or technical institute) 2 years
- Bachelor's degree 4 years
- Master's/doctoral degree 5 years

You may claim only **one** of these waivers.

If you have been certified by ASQ in any of the areas below, please provide your certificate number in lieu of work experience.

CQA CQE CMQ/OE CSQE

Please print your name _____

Date ____ / ____ / ____

Please complete both sides of this application

IF YOU HAVE ONE COMPLETED PROJECT, YOU MUST ATTACH A RESUME OR PROVIDE YOUR WORK EXPERIENCE BELOW; EMPLOYMENT DATES BY MONTH/YEAR.

Completed affidavit(s) for the Six Sigma Black Belt must be received within one week of receiving your application. If not, your application will be cancelled and a partial refund (less application fee) will be returned to you.

No affidavit required for Six Sigma Green Belt.

Job Title	From (Mo/Yr)	To (Mo/Yr)
Employer		
Address		
Supervisor		

Job Title	From (Mo/Yr)	To (Mo/Yr)
Employer		
Address		
Supervisor		

Job Title	From (Mo/Yr)	To (Mo/Yr)
Employer		
Address		
Supervisor		

8 COMPLIANCE WITH RULES

Please read the ASQ Code of Ethics. Compliance with the Code of Ethics is **mandatory**.

"I have read, and I understand the ASQ Code of Ethics and agree to comply with them. I agree not to discuss or release in any form the contents. I affirm that all the information contained in this application is correct."

Signature _____

Please print your name _____

Date ____ / ____ / ____

DID YOU

- **Complete both sides of the application**
- **Include payment**
- **Attach your resume or provide your work experience with employment dates by month/year**
- **Sign your application**
- **Include your affidavit(s)—Affidavits can be found at www.asq.org/certification**

ASQ CODE OF ETHICS

FUNDAMENTAL PRINCIPLES

ASQ requires its members and certification holders to conduct themselves ethically by:

- I. Being honest and impartial in serving the public, their employers, customers, and clients.
- II. Striving to increase the competence and prestige of the quality profession, and
- III. Using their knowledge and skill for the enhancement of human welfare.

Members and certification holders are required to observe the tenets set forth below:

RELATIONS WITH THE PUBLIC

Article 1—Hold paramount the safety, health, and welfare of the public in the performance of their professional duties.

RELATIONS WITH EMPLOYERS, CUSTOMERS, AND CLIENTS

Article 2—Perform services only in their areas of competence.

Article 3—Continue their professional development throughout their careers and provide opportunities for the professional and ethical development of others.

Article 4—Act in a professional manner in dealings with ASQ staff and each employer, customer, or client.

Article 5—Act as faithful agents or trustees and avoid conflict of interest and the appearance of conflicts of interest.

RELATIONS WITH PEERS

Article 6—Build their professional reputation on the merit of their services and not compete unfairly with others.

Article 7—Assure that credit for the work of others is given to those to whom it is due.

**SEATING IS LIMITED.
DON'T WAIT UNTIL THE LAST MINUTE—
REGISTER NOW!**



If you have special needs that we can address, call ASQ Certification Offerings at 800-248-1946 or 414-272-8575.

Return This Application To:

ASQ
P.O. Box 3066
Milwaukee, WI 53201-3066
Fax 414-272-1734



ASQ SIX SIGMA BLACK BELT CERTIFICATION PROJECT AFFIDAVIT/VERIFICATION FORM

Please see the explanation of how to fill out this form on the reverse side

One of the requirements for application approval to take ASQ's Six Sigma Black Belt certification exam is the demonstration of experience. Six Sigma Black Belt affidavit(s) must be completed and submitted attesting to that fact. Provide **two** signed affidavits attesting to the completion of **two** Six Sigma projects, signed by the project champion(s). If two Six Sigma projects have not been completed, **one completed** project will be allowed providing you have at least **three** years of work experience covered by the Six Sigma Black Belt Body of Knowledge (BOK).

- Check here if **two** projects have been completed.
- Check here for **one** completed project **and three years' experience**.

If you have not completed at least one Six Sigma project, you will not be allowed to take the examination.

Completed, signed affidavits can be faxed to Certification Offerings at 414-298-2500 or e-mailed to cert@asq.org. The signed Six Sigma affidavit(s) must be received at ASQ within one week of receiving your application. If not, your application will be cancelled and a partial refund (less the application fee) will be returned to you.

1. Six Sigma Project completed by _____
(applicant's name, please print) *(member number)*

2. Six Sigma project title _____

3. Provide a brief description of the purpose of the project, and how it related to the business objective:

4. Six Sigma project's start and completion dates by month/year: _____

5. Provide a brief description of applicant's hands-on performance in completing Six Sigma project. Please include specific examples of tools used, i.e., process maps, metrics (DPU, DPMO, RTY), procedures, charts, etc. Do not send documentation.

6. Provide a brief statement on the benefits achieved by the successful completion of the project, including but not limited to financial savings, labor, material costs, cycle-time reduction, etc.

7. Verification of completion by project champion:

Verification form completed by: _____
(project champion's signature) *(date signed)*

Champion's name _____ Job title _____

Company name _____

Address _____

Project champion's e-mail address _____

Project champion's telephone _____ Fax number _____

SIX SIGMA PROJECT AFFIDAVIT EXPLANATION PAGE

Six Sigma is a statistical measure of variability, typically in a given process. Its use is not limited to manufacturing, but as an example, it could be used to measure the number of substandard products. In the service industry, it could quantify delays in delivery or lag time in other processes. A successful Six Sigma project should yield virtual defect-free performance. It is a project that will provide breakthrough performance or improvement, which typically equals great monetary benefit to a company.

Before being allowed to take ASQ's Six Sigma Black Belt certification examination, an applicant must demonstrate experience in the use of the Six Sigma methodology. Six Sigma Black Belt affidavit(s) must be completed, signed, and submitted **before** an applicant will be allowed to take the examination. Completed affidavits can be faxed to Certification Offerings at 414-298-2500 or e-mailed to cert@asq.org. The signed Six Sigma affidavit(s) must be received at ASQ within one week of receiving your application. If not your application will be cancelled and a partial refund (less the application fee) will be returned to you.

1. Please print name of Six Sigma Black Belt applicant, along with her/his member number.
2. List the official name of the Six Sigma Black Belt project, as listed on your Six Sigma charter.
3. Explain briefly the problem you needed solved and how it related to your organization's objectives.
4. List the project's start and completion dates by month and year.
5. Please list the Six Sigma tools used. Be specific as to the name of the tool; specify data, measures, and metrics used. Provide as many examples as possible. Do not send any actual charts, maps, etc.
6. Explain briefly how close you came to reaching your goal and list the success(es) of this project. These may include, but are not limited to, financial savings, labor savings, material costs, cycle-time reduction, increased customer satisfaction, etc.
7. Verification section must include the project champion's signature and date signed. In addition, please print the name of the project champion and provide job title and company address. Please include telephone, fax, and e-mail information for verification purposes.

If ASQ has any questions or needs to verify any of the information provided in this affidavit, we will contact the project champion.

What is the definition of a Six Sigma project?

Six Sigma is a method for reducing variation in manufacturing, service, or other business processes. Six Sigma projects measure the cost benefit of improving processes that are producing substandard products or services. Whether in manufacturing or service industries, such projects quantify the effect of process changes on delays or rework. The goal of each successful Six Sigma project is to produce statistically significant improvements in the target process; over time, multiple Six Sigma projects produce virtually defect-free performance. The Six Sigma Black Belt project is one that uses appropriate tools within a Six Sigma approach to produce breakthrough performance and real financial benefit to an operating business or company.

The tools are generic. It is the structure of the project and the associated process (improvement model) that distinguish a Black Belt project from other similar quality improvement projects. Financial impact as an outcome is also a requirement within a Black Belt project when compared to other projects.

The following examples are not all-inclusive, but will provide examples of acceptable and unacceptable projects:

Examples of projects that qualify:

- Manufacturing product defect reduction
- Human resources recruitment cycle-time reduction
- Reduced accounts payable invoice processing costs
- Reduced manufacturing machine setup time

Projects that do not qualify:

- Prepackaged or classroom exercises that are mock or simulated projects that were previously completed and/or that do not include actual "hands on" work
- No real organization or business unit; no current problem or cost benefit
- Basic product improvement projects not associated with process improvements
- Software maintenance or remediation without detailed process measurements
- Any project without measured before-and-after cost benefits