



**Our 142 Participants got certified from ASQ in last ten exams!**

**Get a breakthrough in your career!**

## **World Class Six Sigma Black Belt Training**

Starting 11<sup>th</sup> July 2010

**Knowledge Certification by  
Online Exam at [mindprotesting.com](http://mindprotesting.com)**

**American Society for Quality (ASQ)  
Certified Six Sigma Black Belt Examination**

To be held in October, 2010

Visit [www.qcserv.com](http://www.qcserv.com)  
Email to – [qcservices@vsnl.com](mailto:qcservices@vsnl.com)

# Introduction

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## Six Sigma

Six Sigma is a Top Management driven formal process that uses a variety of business process improvement tools, including Statistical Tools. Variability and variations are a source of loss of productivity, customer dissatisfaction with the product / service, increased cost and delays in delivery. Six Sigma is a customer driven top management led battle against variability and variations of all types using the DMAIC (Define, Measure, Analyze, Improve, and Control) methodology. This standardized approach, if applied throughout the organization, can lead to substantial reduction of variability and variations by creating sensitivity for noticing, analyzing and reducing variability and variations to a predetermined standard for the organization (the Six Sigma scale). It inculcates the approach of economic and innovative solutions by involving all the concerned persons, with appropriate training and teamwork.

**Six Sigma Management Institute** is pioneer six sigma training and testing organization and have made available this exam and certification. Visit [www.ss-mi.com](http://www.ss-mi.com) and [www.mindprotesting.com](http://www.mindprotesting.com) for details.

## American Society for Quality (ASQ)

### ASQ Certification

Certification is formal recognition by ASQ that an individual has demonstrated proficiency within and a comprehension of a specified body of knowledge at a point in time. It is peer recognition and not registration or licensure. Since 1968, when the first ASQ certification exam was given, more than 85,000 individuals have become certified through ASQ, including many who have attained more than one designation. Although ASQ membership is not a prerequisite for certification, most of the people who hold one of these designations do belong to the Society. Certification ranks as one of the top benefits of ASQ membership.

**Only about 550 candidates have obtained ASQ Six Sigma Black Belt Certification so far in India, and they are in great demand! 142 of these are trained by us at QC Services!**

## QC Services

QC Services is **not** connected to ASQ or SS-MI. However, QC Services has professionals, certified by ASQ and SS-MI as Six Sigma Black Belts and Certified Quality Manager.

## Benefit of two certifications

Both these certifications (ASQ & SS-MI) are world class qualifications, top two certifications available globally!! ASQ exam is conducted only twice a year. However, SS-MI exam is online and can be completed any time. ASQ is recognized for depth of statistical thinking. SS-MI requires statistical as well as Minitab proficiency. Thus, candidates with these two world class certifications will have an edge over other black belts. Moreover, **with QC Services training, you get these two certificates at only half the cost of any other international certification!!**

## Six Sigma Black Belt Coaching Details

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- Eligibility : FOR SS-MI Certification
  - Graduates / Diploma of any faculty. Practical experience desirable.
  
- Eligibility : FOR ASQ Certification
  - For ASQ exam:-Submission of affidavit from project sponsorer for having completed at least one improvement project successfully. The sponsorer may be employer or from friendly organization.
  - The improvement can be in terms of cost, defects, design, cycle time, etc.
  - Two project affidavits required for candidates having less than three years of experience.
  
- Study Material & Project Guidance :
  - QC Services will provide 2 books including ASQ CSSBB handbook. However, participants may have to purchase additional books depending upon their knowledge and experience.
  - Guidance for submitting project affidavit to ASQ will be provided.
  - Simulated project will be completed by participants for QC Services project certification.
  
- Minitab Training:-
  - 2 days are reserved for Minitab Software training and practice which is required for Black Belts.
  
- Time :
  - Sunday Program: Every Sunday, starting 11th July 2010, 15 Sundays up to 3rd October 2010.
  - Timing: Sunday Program: 9.30 a.m. to 5.00 p.m.
  
- Venue:- Pune
  
- Costs :
  - QC Services training charges are Rs.40,000/- + 10.30% Service Tax. This includes training, certificate, training material and lunch & refreshments.
  - Early Bird Discount :
    - @10%:- For full payment before 20th June ,10
    - @7.5%:-For full payment before 30th June,10
    - @5%:- For full payment before 5th July,10
  - QC Services training charges can be paid in 3 installments of Rs. 14,707/- each, one at the time of registration in cash and 2 post dated cheques. Payment by installment will not attract any discount.

- ASQ exam charges are US\$ 344/- payable separately by candidates. Associate membership charges US\$ 74/- + ASQ CSSBB exam charges US \$ 270/-
- SS-MI knowledge exam charges are US\$ 100/- and proficiency certification charges are \$295 payable separately by candidates.

➤ **Requirement:**

- Participants can bring their own laptop or will be made available on rent. Laptop is required for last three days during the program.

➤ **Exam Center :**

- SS-MI Examination : Participants will appear for this online exam and obtain knowledge certificate from Six Sigma Management Institute signed by Dr. Mikel Harry. This is module by module exam. And can be completed during the program duration.
- ASQ Examination: Participants can appear for ASQ Black Belt certification exam after this training in October 2010. This examination is conducted at various locations in India including Pune.

➤ **Additional Information :**

- Visit [www.asq.org](http://www.asq.org) & [www.ss-mi.com](http://www.ss-mi.com) for more details. Also contact us for syllabus and registration form.

## *Contact Details*

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Please contact for further details,

G. H. Rahalkar

Director

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## *Contents of Six Sigma Black Belt Body of Knowledge for ASQ Examination*

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- I. Enterprise-Wide Deployment
- II. Organizational Process Management and Measures
- III. Team Management
- IV. *Define*
- V. *Measure*
- VI. *Analyze*
- VII. *Improve*
- VIII. *Control*
- IX. Design for Six Sigma (DFSS) Frameworks and Methodologies

## *Contents of Six Sigma Black Belt Body of Knowledge for SS-MI Examination*

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- I. Breakthrough Vision
- II. Business Principles
- III. Installation Guidelines
- IV. Application Projects
- V. Value Focus
- VI. Lean Practices
- VII. Quality Tools
- VIII. Basic Statistics
- IX. Continuous Capability
- X. Discrete Capability
- XI. Hypothesis Testing
- XII. Confidence Intervals
- XIII. Control Methods
- XIV. Parametric Methods
- XV. Chi Square Methods
- XVI. Survey Methods
- XVII. Nonparametric Methods
- XVIII. Experimental Methods
- XIX. DFSS Methods
- XX. Measurement Analysis

*Our training will cover Body of knowledge required for both the exams.*

# About US

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## OUR PROFILE

QC Services, established in 1984, is a Premier Quality & Productivity Management consultancy organization.

We have highly qualified & experienced consultants / trainers who have vast experience in implementing various modern management techniques in manufacturing & service sector. Our consultants have worked with organizations in India and abroad.

We are leading consultants in service sector for implementation of Advance Statistical Methods for process improvement and modeling for implementing CMMI level 4 /5 version 1.2.

During last four years we have trained over 500 Black Belts & over 122 have achieved ASQ Black Belt Certification and over 400 have obtained certification by Six Sigma Management Institute, USA.

QC Services was closely involved with Mahindra & Mahindra, Farm Equipment Sector, during their implementation of Deming Award.

A proven track record of implementing

- Six Sigma
- Lean
- Statistical Process Control
- Design of Experiments – Classical & Shainin Methods
- Single minute Exchange of Dies
- Employee Involvement through Quality Circles, Kaizen
- TQM

For the details,  
Please contact us at [qcservices@vsnl.com](mailto:qcservices@vsnl.com)  
or visit us at: - [www.qcserv.com](http://www.qcserv.com)

## CLIENTELE

- Ahmednagar Forgings
- Bajaj Auto
- Bharat Forge
- Crompton Greaves
- Diebold, Goa
- Divgi Warner
- Force Motors(Bajaj Tempo)
- Garware Polyesters
- Garware-Wall Ropes
- Godrej
- Hindustan Composites
- Hyper Quality
- JCB India
- Kalyani Lemmerz
- KCD- Kirloskar Group
- Keihin Fie
- Kirloskar Copeland-Karad
- Mahindra & Mahindra
- Newage Electricals India
- Nihilent Technologies
- NTCP, Delhi
- Poonawalla Group
- Reliance Energy
- Sandvik Asia
- Siemens
- SKF Bearings
- Sterlite Limited
- Suzlon Energy
- TATA Fiat, Pune
- Tata Motors-Pune
- Tecumseh India
- Thermax
- Uttam Galva Steels
- Whirlpool India
- Wyeth Limited

