



Certified Lean Six Sigma Black  
Belt Master  
VS-1293

**Vskills Certifications**

Vskills Brochure



Skills for a secure future

## Certified Lean Six Sigma Black Belt Master

Certification Code: 1293

Vskills Lean Six Sigma Black Belt Certification Course prepare you for a career in quality control. Lean Six Sigma Black Belt are the professionals who are well versed in the Lean Six Sigma Methodology and leads complex improvement projects. They understand how to implement, perform, interpret and apply Lean Six Sigma at an advanced level.

Lean Six Sigma Black Belt Masters are the leaders in Quality Improvement Projects. The course will be having online videos, e-learning and hard copy material.

### Why should I take Lean Six Sigma Black Belt Certification?

Vskills Certification Course in Lean Six Sigma Black Belt is specially designed for professionals who want to lead several quality improvement projects.

Learn & Study

- How to apply DMAIC ( Define, Measure, Analyze, Improve, Control)
- Statistical tools & techniques
- Design for Six Sigma (DFSS)
- 5 S Principles & Implementation

Earning Vskills Lean Six Sigma Black Belt Master Certification can help candidate differentiate in today's competitive job market especially in Quality management.

### How will I benefit from taking Lean Six Sigma Black Belt certification?

A Lean Six Sigma Black Belt Masters possesses a good understanding of the business concept and statistical analysis. He knows how to lead and implement various six sigma projects and how to apply DMAIC (Define, Measure, Analyze, Control).

### Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

### Fee Structure

Rs. 9,999/- (Excludes taxes)\*

\*Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

### **Companies that hire Lean Six Sigma Black Belt Professional**

There is a great demand of certified lean six sigma professionals across the domains. Companies like Accenture, Sodexo, KPMG, Wipro, Myntra, Oakland, IBM etc are having good demand for certified professionals.

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## **1. Enterprise-Wide Deployment**

- 1.1 Enterprise-Wide View
- 1.2 Leadership

## **2. Organizational Process Management and Measures**

- 2.1 Impact on Stakeholders
- 2.2 CTx Requirements
- 2.3 Benchmarking
- 2.4 Business Performance Measures
- 2.5 Financial Impact and Measures

## **3. Team Management**

- 3.1 Team Formation
- 3.2 Team Facilitation
- 3.3 Team Dynamics
- 3.4 Meeting Time Management
- 3.5 Decision Making Tools
- 3.6 Management and Planning Tools
- 3.7 Team Performance Evaluation and Reward

## **4. Define Phase**

- 4.1 Voice Of the Customer
- 4.2 Project Charter
- 4.3 Project Tracking

## **5. Measure Phase**

- 5.1 Process Characteristics
- 5.2 Data Collection
- 5.3 Measurement Systems
- 5.4 Statistics
- 5.5 Probability
- 5.6 Process Capability

## **6. Analyze Phase**

- 6.1 Modeling and Measuring Between Variables
- 6.2 Hypothesis Testing
- 6.3 FMEA
- 6.4 Other Analysis Methods

## **7. Improve Phase**

- 7.1 Design of Experiments (DOE)
- 7.2 Waste Elimination
- 7.3 Cycle-time Reduction
- 7.4 Kaizen and kaizen blitz
- 7.5 Theory of constraints (TOC)
- 7.6 Implementation
- 7.7 Risk Analysis and Mitigation

## **8. Control Phase**

- 8.1 Statistical Process Control (SPC)
- 8.2 Other Control Tools
- 8.3 Maintain Control
- 8.4 Sustain Improvements

## **9. Design for Six Sigma (DFSS)**

- 9.1 Common Design Methodologies
- 9.2 DFX
- 9.3 Robust Design and Process
- 9.4 Special Design Tools

## **10. Lean Management**

- 10.1 Lean Origins
- 10.2 Toyota Production System
- 10.3 Lean and Six Sigma
- 10.4 Lean and Six Sigma Integration
- 10.5 Lean Six Sigma Deployment
- 10.6 Mudras or Waste
- 10.7 Value Stream Mapping
- 10.8 5S
- 10.9 Kaizen
- 10.10 Kanban
- 10.11 Just-in-time (JIT) Management
- 10.12 Single Minute Exchange of Die (SMED)
- 10.13 Visual Management
- 10.14 Heijunka
- 10.15 Total Productive Maintenance
- 10.16 Visual Factory
- 10.17 OEE (Overall Equipment Effectiveness) Metric
- 10.18 FPY and RTY
- 10.19 Lean in Manufacturing
- 10.20 Lean in Services
- 10.21 Lean in Office

## Certifications

### ➤ Accounting, Banking and Finance

- Certified AML-KYC Compliance Officer
- Certified Business Accountant
- Certified Commercial Banker
- Certified Foreign Exchange Professional
- Certified GAAP Accounting Standards Professional
- Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
- Certified Treasury Market Professional
- Certified Wealth Manager

### ➤ Big Data

- Certified Hadoop and Mapreduce Professional

### ➤ Cloud Computing

- Certified Cloud Computing Professional

### ➤ Design

- Certified Interior Designer

### ➤ Digital Media

- Certified Social Media Marketing Professional
- Certified Inbound Marketing Professional
- Certified Digital Marketing Master

### ➤ Foreign Trade

- Certified Export Import (Foreign Trade) Professional

### ➤ Health, Nutrition and Well Being

- Certified Fitness Instructor

### ➤ Hospitality

- Certified Restaurant Team Member (Hospitality)

### ➤ Human Resources

- Certified HR Compensation Manager
- Certified HR Staffing Manager
- Certified Human Resources Manager
- Certified Performance Appraisal Manager

### ➤ Office Skills

- Certified Data Entry Operator
- Certified Office Administrator

### ➤ Project Management

- Certified Project Management Professional

### ➤ Real Estate

- Certified Real Estate Consultant

### ➤ Marketing

- Certified Marketing Manager

### ➤ Quality

- Certified Six Sigma Green Belt Professional
- Certified Six Sigma Black Belt Professional
- Certified TQM Professional

### ➤ Logistics & Supply Chain Management

- Certified International Logistics Professional
- Certified Logistics & SCM Professional
- Certified Purchase Manager
- Certified Supply Chain Management Professional

### ➤ Legal

- Certified IPR & Legal Manager
- Certified Labour Law Analyst
- Certified Business Law Analyst
- Certified Corporate Law Analyst

### ➤ Information Technology

- Certified ASP.NET Programmer
- Certified Basic Network Support Professional
- Certified Business Intelligence Professional
- Certified Core Java Developer
- Certified E-commerce Professional
- Certified IT Support Professional
- Certified PHP Professional
- Certified Selenium Professional
- Certified SEO Professional
- Certified Software Quality Assurance Professional

### ➤ Mobile Application Development

- Certified Android Apps Developer
- Certified iPhone Apps Developer

### ➤ Security

- Certified Ethical Hacking and Security Professional
- Certified Network Security Professional

### ➤ Management

- Certified Corporate Governance Professional
- Certified Corporate Social Responsibility Professional

### ➤ Life Skills

- Certified Business Communication Specialist
- Certified Public Relations Officer

### ➤ Media

- Certified Advertising Manager
- Certified Advertising Sales Professional

### ➤ Sales, BPO

- Certified Sales Manager
- Certified Telesales Executive

**& many more job related certifications**

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[www.vskills.com](http://www.vskills.com)