



Certificate in Construction Quality and Safety Management

Vskills Certifications

Vskills Brochure



Certificate in Construction Quality and Safety Management

Construction safety is paramount in ensuring health and safety of all workers as it the construction industry is prone to many hazards during the construction of civil structures. Ensuring safety in construction helps meet the statutory requirements but also provides a safe and secured environment for workers to work in.

Construction quality is focused in understanding the various quality management tools and techniques which are applied in the construction industry for meeting the quality standards and benchmarks as defined in statement of work for the construction project.

Why should one take this certification?

The certification is a proof of your skills and knowledge in construction safety and quality management. The certification not only refreshes your knowledge but also attests to it.

Earning Vskills Construction Quality and Safety Management can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

Who will benefit from taking this certification?

The certification is a must have for site engineers, manager and senior executives in civil construction industry. Job seekers looking to find employment in safety, health, SHE, human resources, project management departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

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. 3,499/- (Excludes taxes)*

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

Table of Contents

1. Quality Management

- 1.1 History of Quality Movement
- 1.2 Continuous Improvement
- 1.3 Quality Concepts
- 1.4 Principles
- 1.5 Quality Pioneers

2. Lean Techniques

- 2.1 Toyota Production System
- 2.2 The Lean Process
- 2.3 Mudras or Waste
- 2.4 Value Stream Mapping
- 2.5 5S
- 2.6 Kaizen
- 2.7 Single Minute Exchange of Die (SMED)
- 2.8 Kanban Card System
- 2.9 Total Productive Maintenance

3. Quality Management Tools

- 3.1 Base Lining
- 3.2 Benchmarking
- 3.3 TQM
- 3.4 PDCA
- 3.5 Six Sigma
- 3.6 Cause-and-Effect Diagram
- 3.7 CPM/PERT Chart
- 3.8 Control Charts

4. Quality Standards

- 4.1 ISO standards

5. Assessment and Measurement

- 5.1 Assessment
- 5.2 Service Quality Assessment
- 5.3 Measuring the Service Quality
- 5.4 Service Quality & Customer Satisfaction
- 5.5 Quality Metrics

6. Quality in Construction

- 6.1 Quality in Construction Industry
- 6.2 Inspection and Quality Control
- 6.3 Quality in Various Construction Operations
- 6.4 Common Defects and Remedy

7. Safety in Construction

- 7.1 Construction Safety Management
- 7.2 Safety Documentation
- 7.3 Construction Activities - Hazards and Safety Measures
- 7.4 Personal Protective Equipment (PPE)
- 7.5 Legal Compliance
- 7.6 Safety Training
- 7.7 Emergency Preparedness and Response
- 7.8 Hazards and Risk Management
- 7.9 Suggestions for Improvement
- 7.10 Case Studies of Accidents

Certifications

- ▶ **Accounting, Banking & Finance**
 - Certified GST Professional
 - Certified AML-KYC Compliance Officer
 - Certified Business Accountant
 - Certified BASEL III Professional
 - Certified GAAP Accounting Standards Professional
 - Certified Treasury Markets Professional
- ▶ **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 Professional
- ▶ **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 Master in Project Management
 - Certified Scrum Specialist
- ▶ **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 Supply Chain Management Professional
- ▶ **Legal**
 - Certified IPR & Legal Manager
 - Certified Labour Law Analyst
 - Certified Business Law Analyst
 - Certified Corporate Law Analyst
- ▶ **Information Technology**
 - Certified Angular JS Professional
 - 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
- ▶ **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
 - Certified Leadership Skills 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

Contact us at:
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