



Certified Lean Manufacturing Professional VS-1091

Vskills Certifications

Vskills Brochure



Certified Lean Manufacturing Professional

Certification Code VS-1091

Vskills certification for Lean Manufacturing Professional assesses the candidate as per the company's need for designing, implementing and maintaining lean principles for lean manufacturing. The certification tests the candidates on various areas in waste elimination, 5S, Using Kaizen, SMED, Kanban Card System, One-piece flow production system, Visual management, TPM and preparing roadmaps for implementing lean manufacturing.

Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills Lean Manufacturing Professional Certification 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?

Job seekers looking to find employment in process control or quality 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. An individual can also start a debt recovery agency of own and be self-employed.

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

Companies that hire Vskills Lean Manufacturing Professional

Lean Manufacturing Professionals are in great demand. Manufacturing companies focusing on quality and being lean are constantly hiring skilled Lean Manufacturing Professional. Various public and private companies also need Lean Manufacturing Professional for their process control and quality control departments.

Table of Contents

1. Lean Basics

- 1.1 Need
- 1.2 Factors

2. Lean Manufacturing

- 2.1 Origins and Toyota Production System
- 2.2 Waste Elimination
- 2.3 Tools and techniques

3. Value Stream Mapping

- 3.1 Basics
- 3.2 Primary Icons
- 3.3 Secondary Icons

4. 5S

- 4.1 5S Stages
- 4.2 5S for Waste Elimination

5. Role of Kaizen

- 5.1 Introduction
- 5.2 Kaizen Steps
- 5.3 Kaizen and Lean Manufacturing

6. Single Minute Exchange of Die (SMED)

- 6.1 Introduction
- 6.2 SMED Design
- 6.3 Strategic SMED
- 6.4 Waste Elimination and SMED

7. Kanban Card System

- 7.1 Kanban Card Control
- 7.2 Implementation

8. One-Piece Flow Production System

- 8.1 Lean Manufacturing and One-Piece Flow Production System
- 8.2 Implementation

9. Visual Management

- 9.1 Visual Management and Elimination
- 9.2 Implementation

10. Total Productive Maintenance

10.1 TPM Principles

10.2 Implementation

11. Implementation of Lean Manufacturing

11.1 Preparing Roadmap

Sample Questions

1. Lean operations tend to achieve all of the following except

- A. greater productivity
- B. shorter cycle times
- C. longer cycle times
- D. lower costs

2. Many lean operation methods used today were derived from which Japanese car makers approach to manufacturing?

- A. Hondai
- B. Kia
- C. Toyota
- D. Honda

3. Replacing material or parts based on demand is an example of

- A. Heijunka
- B. Kaizen
- C. Pull system
- D. kanban

4. The Kaizen philosophy for eliminating waste is based on which of the following ideas?

- A. It is process oriented
- B. It focuses attention where value is created
- C. The essence of organizational learning is to learn while doing
- D. All of the Above

5. Workers who perform several parts of a process and operate a variety of machines are ?

- A. cross-trained
- B. team-based
- C. problem-solvers
- D. temporarily

Answers: 1 (C), 2 (C), 3 (C), 4 (D), 5 (A)

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

Contact us at :

Vskills

011-473 44 723 or info@vskills.in

www.vskills.com