

# ...making excellence a habit.™

# Lean Six Sigma



# สถาบันมาตรฐานอังกฤษ (BSI)

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# What is Lean Six Sigma?

Lean Six Sigma is a two staged business approach to continual improvement which focuses on reducing waste and product variation from manufacturing, service or design processes. Lean refers to maximizing customer value and minimizing waste; creating more value for customers with less wasted resources. Six Sigma is the on-going effort to continually reduce process and product variation through a defined project approach.

Combined, the two approaches drive continual improvement, building a philosophy that is the foundation of all effective management systems and any business that wants to grow and progress for the future.

# What are the benefits of Lean Six Sigma?

The on-going principles Lean Six Sigma can instil into your organization can result in numerous benefits to both internal and external stakeholders, including:

- Increased customer and employee satisfaction
- Reduced costs
- Retained business

- Enhanced reputation
- Increased competitive advantage
- Improved staff morale

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# What is DMAIC?

DMAIC is at the core of Lean Six Sigma and stands for Define, Measure, Analyse, Improve and Control.



**Define** the problem, the voice of the customer and the project goals



**Measure** the key aspects of the current process and collect the relevant data



**Analyse** the data to investigate and verify cause-and-effect relationships. Seek out root cause of the defect under investigation



**Improve** or optimize the current process based upon data analysis



**Control** the future state process to ensure any deviations are corrected before they result in defects





"Our recent experience of working closely with BSI to deliver bespoke-incompany training has been excellent. The commitment and enthusiasm shown by the BSI team to understand our business and then design the training package was commendable. The trainers were knowledgeable, friendly and they adapted their delivery style according to the group. The post training support to embed the learning has also been outstanding."

Vikas Joshi, Continuous Improvement, Coca Cola

# Our training options

### Public:

Choose from one of our set dates running throughout the year at a range of first class venues across the UK.

### Off the shelf:

Select a course from our Lean Six Sigma training modules and we can deliver it at your premises or at a venue of your choice.

### Tailored:

We can provide tailored training based around your specific requirements, offering a cost effective, flexible solution for training larger numbers.

# Exclusive to In-company:

The shorter courses below are ideal for organizations that want to understand more about Business Improvement and the benefits that a business can gain.

### Structured problem solving

Get to grips with seven basic tools that will help you solve problems permanently. This two-day workshop uses a step by step approach to solving and preventing recurring problems. Learn to apply each problem solving tool effectively through a workshop based approach.

# Customer focus using quality function deployment

This course helps you put the customer back into the heart of your business. And once your products, processes and services are designed and delivered with your customers in mind, you will use your time and resources more effectively to achieve customer satisfaction. This two-day course will show you effective ways to identify your customers' needs and ways to meet these.

# Lean Six Sigma

### Statistics process control

Take action before mistakes happen with statistical process control. This technique allows you to track performance on a real-time basis — giving you the opportunity to take corrective action before system failure occurs. The two-day course is designed for anyone interested in learning to use statistics process control within their business.

#### Failure modules and effects analysis

Identify and investigate weaknesses or potential system failures in your manufacturing processes, and find solutions. FMEA (Failure modules and effects analysis) is used to evaluate and manage product and process design risk and this course outlines a structured approach preventing recurring issues. This one-day course is designed for those involved in process, product and service design or specification.

#### Six Sigma Yellow Belts

The Six Sigma Yellow Belts provides a great starting point for those who will be involved in a Six Sigma initiative or who work in an organization where it's approach is being introduced.

- An introduction to Six Sigma
- Problem solving using basic tools
- The DMAIC (Define, Measure, Analyse, Improve, Control)

Processes for operational and transactional businesses.

- Understanding data using basic statistics
- Ideas generation and selection
- Control plans



# Training with BSI

BSI offer a unique solution which splits training into manufacturing and service sectors. The tools which are used in Lean Six Sigma are applied differently to each industry, ensuring that the right results are achieved for you and your organization.

**Manufacturing based Lean Six Sigma Training** is used in the operational environment to reduce variation in process output. The customer is the focus of attention, and improvement activities are focused on those areas which will produce the largest benefit in terms of customer satisfaction.

# Why train with BSI?

Invest in training with BSI and we will make an investment in you, ensuring you receive an on-going level of support to help you reach your goals.

- BSI split Lean Six Sigma by sector, ensuring you receive training most appropriate to your requirements
- If you have already completed training on Lean Six Sigma and just need certification, we can also provide this for you
- Our training is delivered by a team of expert Master Black Belt tutors with years of experience

**Service based Lean Six Sigma** is used to reduce variation in administrative or service related processes. A common target of transactional projects is to reduce processing time, which results in increased customer satisfaction and greatly improved efficiency.

- Certification is free with Green and Black Belt training

   enhance your credentials with the Kitemark
- BSI are a global superbrand, the number 1 certification body in the UK and US with training recognized across 147 countries
- All of our courses can be delivered in-company, or bespoke to suit your specific requirements
- Free project mentoring support for all delegates is provided by the tutor. In most cases the benefits from the course project will deliver savings for the organisation many times in excess of the course fee



# Lean Six Sigma training courses with BSI

Our Lean Six Sigma training courses are led by our team of expert tutors, who are qualified as Master Black Belts, with years of professional experience.

We offer a range of courses to help you in your journey to becoming a fully qualified Six Sigma professional.

### An Introduction to Lean Six Sigma

This one day course will provide a concise overview of the Six Sigma process and an understanding of the DMAIC process and how it can improve your business. You will gain a taster of the tools and techniques required to analyse and improve your business processes.

### Who should attend?

- CEOs, Directors and Senior Managers
- Those responsible for evaluating or implementing continual improvement projects

# What's included?

8 CPD points, a certificate of attendance, course notes and a £250 voucher towards further Lean Six Sigma BSI training courses.

### Lean Practitioner

Our four day course will teach you how to evaluate organizational readiness, identify potential benefits, prepare a business case and plan an effective deployment strategy.

### Who should attend?

- · Lean Practitioners
- Senior Managers wanting a more in depth understanding of Lean methodologies

#### What's included?

32 CPD points, a certificate of attendance along and a set of course notes.



# Green Belts

Our 10 day programme is delivered by a Master Black Belt Tutor, in two 5 day modules with one month in between to enable you to apply your skills within your business. Green Belts will play a pivotal role in problem solving

#### What will I learn?

 Get to grips with the history and meaning of Lean Six Sigma

and achieving process excellence.

- Progress your understanding to apply Lean tools including the DMAIC model
- Learn how to establish customer needs and measure performance
- Develop skills to use analytics, mathematical models and design techniques
- Gain confidence and a professional qualification

### Who should attend?

- Those with responsibility for improving operational performance
- Those with experience of improving operational processes as part of a team
- Those with a desire to learn analytical methods to problem solving



# **Black Belts**

Upon successful completion of the Green Belt course you can progress to Black Belt status. Black Belts will be responsible for leading teams of Green Belts and will manage

continual improvement processes.

#### What will I learn?

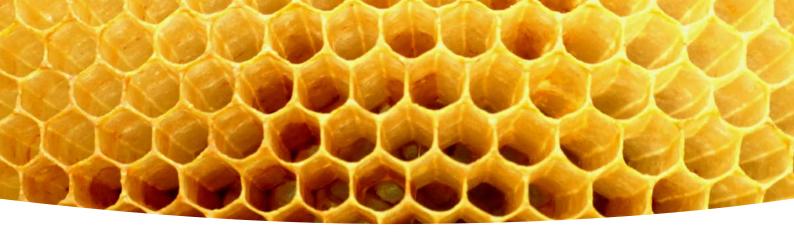
- Gain thorough understanding of Lean tools and the DMAIC method
- Quickly identify areas where improvements can be made
- Be confident in leading the application of DMAIC and Lean
- Establish customer needs and measure how these are met
- Further develop skills to use analytics, mathematical models and design techniques

#### Who should attend?

- Those who wish to manage complex Lean Six Sigma projects
- Those who wish to manage teams of Green Belts
- Those with some Lean Six Sigma improvement experience

For more information and our list of training dates please visit:

bsigroup.com/training



# Lean Practitioner (ISO 18404) training course

# Essential information about the course

Lean methods provide a simple and effective approach to identifying and removing waste in processes and thereby increasing the speed, efficiency and effectiveness of an organizations operations. Our Lean Practitioner training course will give you experience of the approaches and tools of Lean that are used to affect continual improvement.

During this interactive and highly practical three-day course you'll consider how best to implement the principles of Lean as well as practice many of the tools and techniques of continual improvement such as the Kaizen approach. You will discover how simple Lean tools

can be applied to improve employee engagement as well as daily/weekly continual improvement.

Level

This course is ideal for anyone who wishes to build their understanding and apply effective and structured Lean continual improvement techniques and methodologies in order to make step-change improvements in quality and efficiency in any organization large or small.

Our expert tutors will make sure you complete the course feeling confident that you can apply the knowledge and implement Lean methodologies as soon as you step back inside your organization.

# What you will cover during this three-day course

# Day one

- Overview of course aim, learning objectives and course structure
- Review of Lean Principles
- Value stream mapping (VSM)
- Using appropriate Lean measures
- Balancing operations and activities
- Theory of constraints
- · Process design

# Day two

- Designing pull systems
- Using mistake proofing to enhance quality
- · The visual workplace
- Process control plans
- Introduction to Total Productive Maintenance
- 5S Workplace Organization techniques
- Set up and changeover time reduction (SMED)
- Daily improvement methods

# Day three

- Day In the Life Of (DILO) analysis
- Problem solving methods
- Quick improvement and pilot testing
- Kaizen events
- · Kaizen Lean simulation
- Lean continual improvement communicating to management
- Assessment preparation, course review and final questions
- Lean Practitioner Technical Examination

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# ) BSI Group BSI/UK/1329/TR/0218/EN/GRF

# Lean Practitioner (ISO 18404) training course

We want to make sure you have the best learning experience possible. That's why we offer a range of training courses to support the migration to the new standard. We create a positive learning environment so you retain the knowledge and acquire skills that will continue to be of use beyond the course.

# Make sure this is the right course for you

# This is the course for you if:

- You want to apply Lean methodologies to improve quality and efficiency
- If you're part of an organization, leading or working in a team adopting Lean methodologies as a chosen improvement methodology
- You're involved in implementing a quality management system such as ISO 9001
- You've attended BSI's Lean Six Sigma Foundation Course and want to take the next step in your personal 'Lean Journey'

# What is the course like?

- Three days long
- Led by a BSI expert tutor
- Relaxed and comfortable learning environment
- You'll receive comprehensive course materials to take away

### How will I benefit?

- Gain the confidence to apply Lean methodologies and some of the key tools that are used in Lean organizations
- Correctly quantify process performance and quickly implement improvements where needed
- Develop professionally
- Network with likeminded peers
- Receive a BSI Certificate

# Why invest in training from BSI?

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples.



Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.

# Training delivered at your site



This could be a convenient and cost effective option, especially if you have multiple delegates.

Talk to one of our experts to find out more.

# Next steps with the BSI Academy



Want to learn more? You may be interested in: Six Sigma Green Belt (ISO 18404) training course

Organizational Change Practitioner (ISO 18404) training course Lean Leader (ISO 18404) training course

Find out more.

Call: +44 (0)345 086 9000

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# Six Sigma Green Belt (ISO 18404) training course

# Essential information about the course

Six Sigma is an organizational approach to continual improvement which focuses on minimizing the variability of key process outcomes. It can be applied to deliver results in organizations of all sizes in any sector.

The Six Sigma Green Belt training course will provide you with an understanding of Six Sigma Green Belt technical tools and how they are applied. You will learn how to select the appropriate statistical techniques commonly applied at Six Sigma Green Belt level and how to interpret the results from a number of core analytical tools.

This intensive three-day course has been designed for anyone who wants to learn how Six Sigma Green belt technical tools can be applied to continual improvement work. Successful completion represents an important step towards becoming an ISO 18404 Certified Six Sigma Green Belt.

During this interactive and highly practical course you will use Minitab 18 software which is commonly used in Green Belt level business improvement projects. Our expert tutors will make sure you complete the course feeling confident that you can apply the knowledge and implement continual improvement techniques as soon as you step back inside your organization.



Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.



# Six Sigma Green Belt (ISO 18404) training course

# What you will cover during this three-day course

# Day one

- Welcome and introductions
- Overview of course aim, learning objectives and course structure
- DMAIC Phases and the use of Analytical and Graphical Tools

### Measure phase

- Introduction to Minitab 18
  - Basic Statistics
  - Graphical Analysis
- Measurement Systems Analysis (Attribute Data)
  - Attribute Agreement Analysis (AAA)
- Measurement Systems Analysis (Variable Data)
  - Bias and Linearity (Variable Data)
  - Stability
  - Gage Repeatability and Reproducibility
- Process Control (Variable and Attribute Data)
  - I/MR Charts
  - X-Bar/R Charts
  - P Charts
  - U Charts
- Process Capability Studies
  - Capability Report (Cp, CpK, Pp, PpK)
  - · Capability 'Six Pack'
- Delegate project and day one content review

### Day two

Welcome and refresh day one learning

### **Analyse Phase**

- Multi-Vari Charts
- Hypothesis Testing
  - Concepts and Roadmap
  - · Variable Data
    - · Normality Testing
    - Testing for Means
    - Testing for Variance
    - Testing for Medians
  - Attribute Data
    - Testing for Proportions
- Regression Analysis
  - Correlation
  - Linear Regression
  - Residuals Analysis and Prediction
  - Polynomial Regression
- Delegate project and day two content review

# Day three

Welcome and refresh day two learning

### Improve Phase

- Failure Mode and Effects Analysis (FMEA)
  - Roadmap and Stages in Process FMEA
  - Implementing FMEA
- Design of Experiments (DOE)
  - Key Concepts of Experimental Design
  - Main Effects and Interactions
  - Running and Analysing Full Factorial Experiments

### **Control Phase**

- Control Phase Tools
- ISO 18404 Certification Competency Requirements
- Delegate Project and Day three Content Review
- Assessment, course review and final questions
- Six Sigma Green Belt Technical Examination

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# Six Sigma Green Belt (ISO 18404) training course

We want to make sure you have the best learning experience possible. That's why we offer a range of training courses from beginner to expert. We create a positive learning environment so you retain the knowledge and acquire skills that will continue to be of use beyond the course.

# Make sure this is the right course for you.

# This is the course for you if:

- You've already attended our White, Yellow, and Foundation Green Belt training courses (or equivalent) which are a pre-requisite for attendance at this course
- You need to be able to select and apply the correct analytical and graphical tools associated with Six Sigma at Green Belt level to help deliver continual improvement work
- If you're part of an organization, leading or working in a team adopting Six Sigma as its chosen improvement methodology
- You're involved in implementing a quality management system such as ISO 9001

# What is the course like?

- Three days long
- Led by a BSI expert tutor
- Relaxed and comfortable learning environment
- You'll receive comprehensive course materials to take away

# How will I benefit?

- Be able to demonstrate a robust knowledge of the correct use of objective data in improvement projects
- Start to develop the competencies required by ISO 18404
- Develop professionally



# Why invest in training from BSI?

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples.

# Training delivered at your site



This could be a convenient and cost effective option, especially if you have multiple delegates.

Talk to one of our experts to find out more

# Next steps with the BSI Academy



Want to learn more? You may be interested in:

Organizational Change Practitioner (ISO 18404) - training course

Lean Practitioner (ISO 18404) – training course

Find out more.

Call: **+44 (0)345 086 9000** 

Email: training@bsigroup.com

or visit: bsigroup.com/training



**BSI Group** 

Kitemark Court Davy Avenue, Knowlhill Milton Keynes, MK5 8PP



# Lean Six Sigma Foundation Green Belt continual improvement training course

# Essential information about the course

Level 1

Lean Six Sigma is an organizational approach to continual improvement which focuses on removing activities from processes that add no value whilst minimizing the variability of key process outcomes.

The Lean Six Sigma Foundation Green Belt continual improvement training course will provide you with the skills to be able to use continual improvement techniques to enhance levels of quality and efficiency within your organization. You will learn how to apply the DMAIC approach, the methodology behind Lean Six Sigma.

The course has been designed for anyone who anyone who wants to make step change improvements in quality and efficiency and is an excellent starting point on the pathway towards becoming an ISO 18404 Certified Six Sigma Green Belt or Lean Practitioner.

Having undertaken this interactive and highly practical three day course our expert tutors will ensure that you feel confident that you apply the knowledge and implement continual improvement techniques as soon as you step back inside your organization.

#### What you will cover during this three-day course

- Introduction, aims, objectives and course structure
- The basics and principles of "Lean"
- "Plan, Do Check, Act" problem solving
- Value added activities versus process waste
- Mapping the value stream
- Pull systems and process flow
- Workplace organization and visual management
- Error proofing
- The basics and principles of "Six Sigma (DMAIC)"

- Project scoping and definition (the Define phase)
- Measurement and the use of data and statistics (the Measure phase)
- Process understanding and root cause analysis (the Analyse phase)
- Developing and implementing solutions (the Improve phase)
- Process control and sustaining the gains (the Control phase)

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Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.



# Lean Six Sigma Foundation Green Belt continual improvement training course

We want to make sure you have the best learning experience possible. That's why we offer a range of training courses from beginner to expert. We create a positive learning environment so you retain the knowledge and acquire skills that will continue to be of use beyond the course.

# Make sure this is the right course for you.

# This is the course for you if:

- You've already attended our White and Yellow Belt courses (or equivalent) which are a pre-requisite for attendance at this course
- You need to apply effective and structured continual improvement techniques and methodologies to improve quality and efficiency.
- You're part of an organization adopting Lean Six Sigma as its chosen improvement methodology and are leading or working in an improvement team
- You're involved in implementing a quality management system such as ISO 9001 and want to gain knowledge on improvement techniques

### What is the course like?

- Three days long
- Led by a BSI expert tutor
- · Relaxed and comfortable learning environment
- You'll receive comprehensive course materials to take away

### How will I benefit?

- Gain confidence in explaining Lead Six Sigma frameworks for continual improvement
- Lead continual improvement teams through the DMAIC process
- Develop professionally
- Network with likeminded peers
- Receive a BSI Certificate

# Why invest in training from BSI?

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples.

# Training delivered at your site



This could be a convenient and cost effective option, especially if you have multiple delegates.

Talk to one of our experts to find out more

# Next steps with the BSI Academy



Want to learn more? You may be interested in:

**Lean Practitioner (ISO18404)** and **Six Sigma Green Belt (ISO18404)** training courses;

**Organizational Change Practitioner** - training course

ISO 9001:2015 Quality Management -

Requirements training course



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# Lean Six Sigma White Belt Introduction to Lean Six Sigma training course

# Essential information about the course

Level 1

10

Lean Six Sigma is an organizational approach to continual improvement which focuses on removing activities or items from processes that add no value whilst minimizing the variability of key process outcomes.

This Lean Six Sigma white belt training course is an excellent introductory level training course that gives delegates an awareness and understanding of the basic concepts of Lean Six Sigma.

It has been designed for those who want to learn how the adoption of Lean and Six Sigma based continual improvement techniques can help an organization streamline activities, reduce waste and develop processes that consistently achieve or exceed customer targets and expectations.

Packed with practical workshops, group discussions and classroom learning, our expert tutors will make sure you complete the course feeling confident that you can apply the knowledge as soon as you step back inside your organization.

# Our course agenda

### Aims, objectives and structure

- Lean Six Sigma methodology and the benefits organizations can gain
  - Why do we need to improve?
  - Introduction to Lean and Six Sigma
  - Process waste and Process variation
- Key Lean Six Sigma ideas and tools
  - Methodology
  - Customer focus
  - Tools and structure
  - Roles
  - Projects and objectives

- Benefits of data driven decision making
  - Internal, external, financial
  - Process capability study: measure phase
  - Different types of data
  - Measuring and interpreting data
  - Process capability study: Analyse and Improve Phases
- How to implement a Lean Six Sigma programme
  - Foundations and Criteria for Success

- Lean Six Sigma and other systems
- Lean Six Sigma standards
- The relationship with ISO 9001:2015 and Quality Management Systems
- Close and final questions

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# Lean Six Sigma White Belt Introduction to Lean Six Sigma training course

We want to make sure you have the best learning experience possible. That's why we offer a range of training courses from beginner to expert. We create a positive learning environment so you retain the knowledge and acquire skills that will continue to be of use beyond the course.

# Make sure this is the right course for you.

# This is the course for you if:

- You are new to Lean Six Sigma
- If you're part of an organization adopting Lean Six Sigma as its chosen improvement methodology
- If you're part of a team involved in Lean Six Sigma implementation
- You're involved in implementing a quality management system such as ISO 9001

# What is the course like?

- One day long
- Led by a BSI expert tutor
- Relaxed and comfortable learning environment
- You'll receive comprehensive course materials to take away

### How will I benefit?

- Gain confidence in explaining Lean Six Sigma the methodology and benefits
- Demonstrate how Lean Six Sigma aligns with other quality-based systems
- Develop professionally
- Network with likeminded peers
- Receive a BSI Certificate



Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.

# Why invest in training from BSI?

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples.

# Training delivered at your site



This could be a convenient and cost effective option, especially if you have multiple delegates.

Talk to one of our experts to find out more

# Next steps with the BSI Academy



Want to learn more? You may be interested in: **Lean Six Sigma Yellow Belt** – Structured problem solving training course

**Lean Six Sigma Foundation Green Belt** — Foundations of continual improvement training course



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or visit: bsigroup.com/training



# Lean Six Sigma Yellow Belt Structured problem solving training course

# Essential information about the course

Level 1

If you are involved in problem solving then this course will provide you with a methodology the will help you adopt an effective, recognized and structured approach. You will learn about the "eight step approach" and the seven basic tools of quality so you can confidently apply them in your organization.

Suitable for delegates from all levels of the organization and from organizations large or small in any sector, it will help you to solve real business problems that deliver improvement and results.

This interactive one-day course delivered by expert tutors is packed with practical workshops, group discussions and classroom learning. It uses our accelerated learning approach which increases learning by improving knowledge retention and skill application. This helps give you a deeper understanding of the techniques and facilitates a greater impact on your job performance

# Our course agenda

# Aims, objectives and structure

- Introduction to problem solving
- Eight Step problem solving
  - Define the problem
  - Implement an interim action
  - · Acquire and analyse data
  - Determine root cause
  - Evaluate possible solutions
  - · Action plan and implement
  - Verify the results
  - Standardize and future actions

- Seven Basic tools [throughout the above stages]
  - Time Series Plots (Control Charts)
  - Check sheets
  - Pareto charts
  - · Cause and effect diagrams
  - Scatter diagrams
  - Histograms

- Flow charts
- Problem solving and management of quality and corrective action planning
- Close and final questions

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# Lean Six Sigma Yellow Belt Structured problem solving training course

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# Make sure this is the right course for you.

# This is the course for you if:

- If you're leading a team or part of a team involved in problem solving
- You need to learn a structured approach to problem solving
- You're involved in implementing other quality management systems such as ISO 9001

# What is the course like?

- One-day long
- Led by a BSI expert tutor
- Relaxed and comfortable learning environment
- You'll receive comprehensive course materials to take away

### How will I benefit?

- Gain confidence in the use of the eight step methodology for organizational problem solving
- Be able to select and utilize correctly each of the seven basic tools
- Develop professionally
- Network with likeminded peers
- Receive a BSI Certificate



Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.

# Why invest in training from BSI?

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This could be a convenient and cost effective option, especially if you have multiple delegates.

Talk to one of our experts to find out more

# Next steps with the BSI Academy



Want to learn more? You may be interested in: Lean Six Sigma White Belt – Introduction to

Lean Six Sigma Training course

**Lean Six Sigma Foundation Green Belt** –
Foundations of continual improvement training course

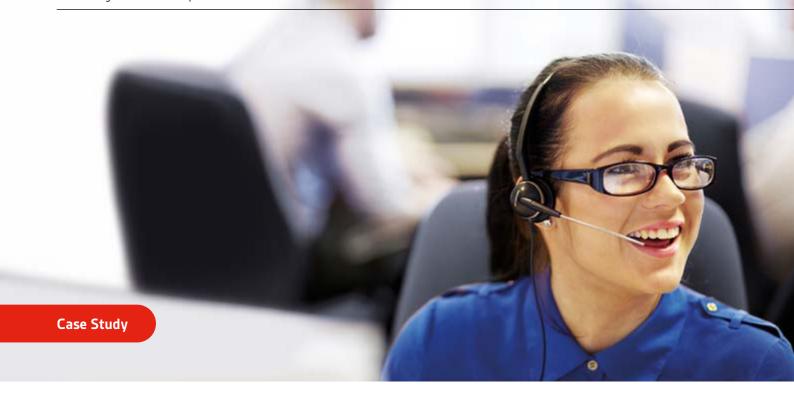
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# Incident management and fleet services provider using Lean Six Sigma improves their business to the tune of 800K.

### Customer needs

- To increase efficiency
- To stay ahead of the competition
- To improve employee skills
- To measure return on investment for training

### Background

FMG Support is the UK's largest independent incident prevention and fleet management services provider, with 25 years' experience under its belt, dealing with over 250,000 incidents a year. The company identifies and corrects the causes of fleet incidents and inefficiencies to increase employee safety and commercial advantage.

FMG Support's long-standing customers include LeasePlan, GE Capital, DHL, Asda and a number of police constabularies. FMG also works alongside insurance partners like Zurich, QBE, Allianz and Chartis and holds the National Vehicle Recovery Manager contract for the Highways Agency, helping to ensure the safety and efficiency of the country's strategic road network.

In March 2008, the FMG Support Board secured a multi-million pound investment from private equity firm Aberdeen Asset Management to fund further market growth and innovation.

### **Benefits**

- Improved customer service and efficiency
- Cost savings and cash flow improvements totalling £800,000 on purchase and sales invoicing project
- Improved business processes

### Needs

Many organizations are looking for ways to make the most of greatly reduced training budgets. Approximately 900 managers surveyed in a report from the Chartered Institute of Personnel Development agreed that even in uncertain financial times the need for a skilled workforce remains a priority. Seven out of ten managers also insist that learning and development is still high on the agenda for them. With budgets being stretched, the sensible training option would be to choose techniques that will generate a higher return on investment, thus making the need for training easier to justify.

Lean Six Sigma training techniques were attractive to FMG Support due to its aim of increasing efficiency and staying one step ahead of its competitors. By collecting data which measures a return on investment, FMG Support is able to see in real terms how the training programme is benefiting the business. This is especially important in the service and public sector industries where there has recently been a lot of interest in Lean Six Sigma.





"I was able to use my new Lean Six Sigma skills and pass this on to the operational team who filtered it through the rest of the organization. This maximized the benefits of my learning back into the organization back into FMG."

Derek Robinson, Business Process Improvement Manager

Organizations need to see that the training schemes they are implementing are having an impact in line with the overall business strategy and with Lean Six Sigma in particular, this is can be easily measured.

Derek Robinson, Business Process Improvement Manager at FMG, completed the five stage improvement process to becoming a certified Lean Six Sigma Black Belt over the course of one year. He is now able to pass on his new skills to other members of the organization. "Lean Six Sigma is a shared learning scheme which enables me to pass on the new skills that I have learned through the programme onto the operational team who can then infiltrate it into the rest of the organization. This ensures that the maximum number of people can benefit from the training".

#### Benefits

Since completing the Lean Six Sigma training with BSI, Robinson has witnessed many internal and customer related benefits, most notably the cost savings and cash flow improvements totalling £800,000 from a project involving purchase and sales invoicing. Robinson was able to improve the processes in place by bringing in web-based solutions which helped to speed up the process, improve customer service and increase overall efficiency.

Robinson explains: "Several projects we have taken on since being Lean Six Sigma trained have improved significantly. The business processes have become more polished, which in turn has resulted in significant savings for both the organization and our customers. In receiving Lean Six Sigma certification from BSI, we now have something tangible to show our customers which gives them the added confidence in our ability to provide them with best possible service".

The Lean Six Sigma training programme relates to many business aspects throughout a large number of industry sectors. Once a member of the organization becomes Lean Six Sigma Black Belt trained, they can help to instil the methodology throughout the rest of the organization. This highlights the real value that Lean Six Sigma training can provide; proving that even in the current economic downturn, gaining certification to a targeted training programme can see vast returns on investment and is by no means simply another training 'fad'.

#### BSI's role

Derek Robinson decided that the internationally recognised training programme from BSI Training was the most productive route to take by becoming Lean Six Sigma Black Belt trained. By gaining certification from a reputable company like BSI, Robinson also believed that adopting this training approach would give the company a competitive edge whilst enabling it to service its clients to a much higher standard.

Contact us to find out how BSI can help your business make excellence a habit.

# Lean Six Sigma Certification



Lean Six Sigma certification is an opportunity to prove that the skills you have developed through completion of your training, project and examination are rewarded with a globally recognized qualification.

The cost of certification with BSI is free with our Green and Black Belt courses and will provide confidence that existing and prospective employees have achieved a high level of expertise in the use of Six Sigma.

The information below will provide further guidance on the certification process with BSI.

### How can I promote and use my Lean Six Sigma qualification?

Having achieved BSI Lean Six Sigma certification you will receive a Certificate of Achievement.

You will be able to enhance your personal credentials and use the "Lean Six Sigma Certified" logo above to promote your achievement on your CV and personal stationery.

### How long does certification last for?

The certificate does not have an expiry date or require recertification.

It is expected that successful delegates will continue to keep themselves updated through a continuing personal development programme.

### How can I apply for a certification exam?

Application for the certification process and examination entry is available from BSI:

Email: training@bsigroup.com Telephone: +44 845 619 5371

### Exam requirements

# What type of questions will there be?

There will be a mixture of multiple choice and detailed answer questions including interpretation of data.

### How long will the exam last?

The examination will last for 2 hours.

### Will I be allowed to bring reference material?

This will be an open book examination.

### Where will the exam be held?

At a BSI training venue or on your site.

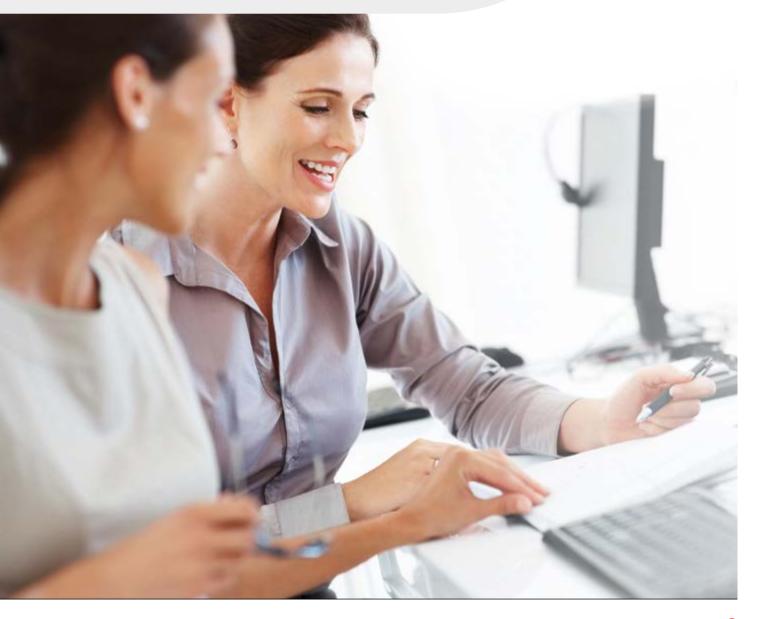
# Supporting services to make the most of your Lean Six Sigma programme

We have designed a range of services to support your organization's Lean Six Sigma programme. Our highly skilled BSI Master Black Belts will work in partnership with your business improvement professionals and management team to complement your Lean Six Sigma deployment and help you to reach your business improvement goals.

# These services include:

- Six Sigma Programme Management
- Planning and Facilitation of Project Implementation
- Business Performance Benchmarking & Process Analysis

To find out more, please contact +44 845 619 5371





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