



Improvement Leader (Master Black Belt) Level 6

*"The leading foundation qualification for Lean Six Sigma
in any industrial sector today"*

Improvement Leaders have high-level expertise in Lean, Six Sigma, Project and Change management and are recognised as the specialists in leading improvement strategy. They are responsible for developing improvement strategy, providing leadership in improvement for the business and for coaching and supporting Improvement Specialists in advanced analysis.

Improvement Leaders work closely with all functions of the business to support the setting and achievement of business goals. For example, they may develop top-level Value Stream Maps to identify improvement opportunities that are then scoped into projects to be delivered by Improvement Specialists or they may design new products/ processes/ services.

Who is it for?

Improvement Leaders are found in all industry sectors and functions including Automotive, Pharmaceutical, Telecommunication, Retail, Finance, Food, Drink, Travel and Leisure. Job titles associated with the Improvement Leader occupation might include: Lean Master, Senior Lean Leader, Senior Navigator, Lean Six Sigma Master Black Belt, Senior Consultant.

Typical Attributes Gained by Candidates

Strategy development: Policy deployment principles and Hoshin Kanri Porter's 5 forces, Strengths Weaknesses Opportunities Threats (SWOT)/Political Economic Social Technological Legal Economic (PESTLE), Ansoff's growth matrix, Boston Consulting Group growth share matrix, GE-McKinsey matrix.

Team formation & leadership: Team types and constraints, dysfunctional teams, emotional intelligence, Neurolinguistic programming techniques, reinforcement strategies.

Drive for results: Being a primary advocate for Improvement and Operational Excellence, acting as a role model for others and focused on improving customer experience and delivering benefits.

Team Working: Actively seeking opportunities for improving team performance and coaching others to resolve under-performance issues.

Professionalism: Demonstrating personal resilience Challenging, influencing & engaging seniors.

Strategic Thinking: Driving future thinking for themselves and others. Actively seeking out new ideas, opportunities methods and tools. Building a knowledge and best practice sharing network

Improvement Leader: Knowledge and Skills Overview

- Strategic deployment of continuous improvement
- Team formation and leadership
- Capability Development
- Project management, review and coaching others
- Presentation and reporting
- Change management
- Problem definition
- Voice of the Customer
- Process mapping and analysis
- Lean concepts and tools
- Data acquisition for analysis
- Process capability & performance
- Statistics and graphical analysis
- Root cause analysis
- Experimentation, optimisation and simulation
- Identification & prioritisation
- Failure Mode Avoidance
- Data analysis – Statistical Process Control
- Benchmarking
- Project Selection and Scope

Qualification

Developed by leading organisations within industry including Toyota, Rolls-Royce Controls and Data Services, Kraft Heinz Company, Glaxo SmithKline Plc, Britvic, Jaguar Land Rover, Wincanton, Royal Mail, this qualification is a combination of lean and six sigma skills required by today's Improvement Leaders. Qualitrain can successfully apply this qualification to all industrial sectors and make the tools and techniques fit your individual improvement projects. Qualitrain will work closely with you to identify which lean and six sigma tools best suit your own, particular requirements.

What skills and knowledge will be achieved?

Improvement Leaders have the skills and knowledge to develop improvement strategy, provide leadership in improvement for the business and for coaching and supporting Improvement Specialists in advanced analysis. The Improvement Leader typically reports to Board members or Heads of Department and manages (directly and/ or matrix) a team of Improvement Specialists, who deploy the strategy, and lead improvement projects.

Qualitrain's blend of taught and practical training is essential for successful and sustained improvements. A

more in-depth appreciation of six sigma tools will be required including data analysis, measurement systems, basic statistic and measures, data analysis, process capability and experimentation methodologies.

What are the benefits for the business?

As with all the Improvement qualifications the major benefits to the business are reduced waste, improved quality and efficiency, achieve sustainable savings, gain competitive edge and implement a culture of continuous improvement. An Improvement Leader (Master can provide training, coaching and mentoring to Improvement Specialists and senior stakeholders.

How long does the apprenticeship take?

Typically, this apprenticeship will take 18-24 months to complete.

Is this a Government Funded Qualification?

Funding for the Improvement Leader (Master Black Belt) Level 6 Apprenticeship can be accessed through the Apprenticeship Levy. In addition to delivering the training, we can provide administration support, which includes accessing the Levy.

Please contact us directly to discuss this apprenticeship or any additional training requirements:



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