



Improvement Technician (Yellow Belt) Level 3

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

Improvement Technicians are responsible for the delivery and coaching of improvement activity within their area of responsibility, often associated with Lean and Six Sigma methodologies. They can be found across all industry sectors and functions including automotive, banking, engineering, food products, IT, property, retail, telecoms etc.

Typically, technicians work as a member of an operational team to resolve problems – preventing re-occurrence, engaging others in issues affecting them and to support the improvement of performance.

Who is it for?

There are a variety of job titles associated with the occupation, these include, but are not limited to: Business Improvement Co-ordinator, Continuous Improvement Executive, Process Technician, Operational Excellence/Lean Engineer, Lean Six Sigma Yellow Belt and Quality Control Analyst.

Typical Attributes Gained by Candidates

Drive for Results: Clear commitment for identifying opportunities and delivering improvements, pays attention to detail.

Team-working: Helps when asked, works effectively in a diverse team, considers impact of own actions on others, motivates peers.

Professionalism: Acts in a moral, legal and socially appropriate manner, aligns behaviours to the organisations values, trusted to working on own when appropriate.

Continuous Development: Acts upon feedback, reflects on performance and has a desire for learning.

Safe Working: Ensures safety of self and others, challenges safety.

Improvement Technician: Knowledge and Skills Overview

- Compliance
- Team Formation and Leadership
- Self-development
- Project Management
- Change Management
- Lean Six Sigma Principles and Methods
- Project selection and Scope
- Problem Definition
- Process Mapping and Analysis
- Data acquisition for Analysis
- Basic Statistics & Measures
- Process Capability & Performance
- Root Cause Analysis
- Experimentation: Plan Do Check Act
- Identification & Prioritisation
- Sustainability & Control

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 outstanding Improvement Technicians. This is a qualification that can be incorporated across all sectors of industry from manufacturing to service organisations. 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?

The Improvement Technician will require a range of skills to help communicate the improvement projects to team members and stakeholders. They must be mindful of the effects of change upon a team and have coping strategies for various scenarios. Qualitrain's team are very experienced in dealing with managing lean and six sigma improvement projects and can gently guide staff through some of the obstacles that they will inevitably face and help provide the essential soft skills for successful project implementation.

Lean and six sigma methodologies will be covered throughout the training providing the student with sufficient knowledge of appropriate lean tools. Qualitrain are happy to reinforce existing organisational preferences

for identifying waste and following good workplace organisational practices, sometimes referred to as 5S. A full description of the skills, knowledge and behaviour requirements are provided in the standard.

What are the benefits for the business?

Qualitrain have found through long experience that only one resource can help any organisation achieve process improvement and competitive advantage: its people. Improvements to key performance indicators and bottom-line profits are inevitably the result of the good work of individual people, and this makes practical training and development vitally important. Qualitrain's 'short-hand' for this fact is the following simple equation: "My Role = Work + Improvement" Introducing this qualification will result in motivated staff, willing and capable of implementing sustainable business improvements as part of an improvements team.

How long does the apprenticeship take?

Typically, this apprenticeship will take around 14 months to complete.

Is this a Government Funded Qualification?

Funding for the Improvement Technician (Yellow Belt) Level 3 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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