**CONTINUOUS IMPROVEMENT in MANUFACTURING (CI)**

*QQI Certified*

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| **Introduction**  ***The primary objective of this CI blended learning programme is to train and certify employees, within the Life Sciences sector, in CI methodologies and tools (Lean & Six Sigma). The skills and knowledge gained is expected to lead to fewer errors, higher performance, less waste, lower costs and higher efficiencies in the sector. It is expected that participants will gain a thorough understanding of Lean Principles and be able to implement ‘lean’ improvements in their areas of responsibility, thereby assisting in the transformation of their organisation into a leaner and more competitive enterprise leading to added value to products and services.*** |
| **Course Outline/Content**  ***The course is delivered over 7 sessions. The following modules are designed to provide participants with knowledge, skills and competencies in CI tools:-***  ***1. Introduction to Continuous Improvement***  ***2. Value Stream***  ***3. 5S and the Visual Factory***  ***4. Problem Solving / Mistake Proofing***  ***5. Control of Variances***  ***6. Equipment Effectiveness & Performance (TPM, OEE, SMED)***  ***7. Sustaining Progress***  ***Course delivery consists of a mix of formal sessions, group sessions, breakout sessions, demonstration, practical tasks and multimedia/PowerPoint presentations. Participants will receive a comprehensive Irish Medtech Skillnet Training Manual as they begin their course.*** |
| **Entry Requirements/Arrangements**  ***There are no minimum entry requirements for the course. However, it is expected that participants will have experience working in the Life Sciences sector, in the areas of manufacturing and/or manufacturing support functions such as Materials, Quality, Finance and Engineering. It is also expected that one has a keen interest in developing skills in CI tools. A good level of English is required.*** |
| **Certification and Assessment**  ***This is a QQI certified course and successful participants will receive the Certificate in Continuous Improvement in Manufacturing (Code 5N1915) at Level 5 on the National Framework of Qualifications (NFQ).***  ***Assessment consists of a Theory Test (40%) and the preparation and submission of a Portfolio of Coursework (60%).***  ***Participants are expected to complete some study/learning outside of the formal delivery of the course to successfully complete the required assessments.*** |
| **Learner Support**  ***Course participants will receive learning support, for the duration of the course, from their in-company course coordinator. The specific details, in this regard, will be outlined on course commencement.*** |
| **Training with Irish Medtech Skillnet**  ***For additional information on the Irish Medtech Skillnet; please refer to*** [***www.irishmedtechskillnet.ie***](http://www.irishmedtechskillnet.ie) |
| PARTICIPATION ON AN Irish Medtech Skillnet TRAINING COURSE CONFIRMS AGREEMENT TO COMPLY WITH ALL RELATED CODES OF CONDUCT AND BEHAVIOUR |