



Crystal Lean Solutions

Training
Academy

Lean Yellow Belt



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DURATION:	2 Days
ACCREDITATION:	CPD Approved by Engineers Ireland
COURSE CODE:	1009

AIM:

The aim of this Yellow Belt programme is to provide the learner with problem solving capabilities to improve project performance and foundational knowledge on the application of the Last Planner® System

OBJECTIVES:

At the end of the course, learners will be able to:

- ✿ Describe the 5 Lean Principles for Construction
- ✿ Describe the key Lean Tools including the 8 Wastes, Housekeeping Methodology 5S
- ✿ Understand Lean Project Delivery versus Traditional Project Delivery
- ✿ Complete Direct Observation on-site
- ✿ Apply a Problem-Solving tool to an improvement project
- ✿ Explain the elements of the Last Planner® System and apply core principles to a project

THIS PROGRAMME IS FOR:

- ✿ Process Operators and Technicians
- ✿ Project Managers
- ✿ Contracts Managers
- ✿ Engineers
- ✿ Quality, Manufacturing, Lean, Maintenance personnel
- ✿ Managers / Value Stream Managers
- ✿ HR, Finance, IT, Supply Chain
- ✿ Personnel involved in project delivery and support processes

PROGRAMME CONTENT:

- ✿ Introduction to Lean in Construction
- ✿ 5 Lean Principles and Practical application of same (Workshop)
- ✿ Direct Observation and 8 Wastes
- ✿ Improved Housekeeping with 5S methodology
- ✿ Lean Project delivery
- ✿ Introduction to the Problem-Solving Process
- ✿ Introduction to the Last Planner® System, including Phase Planning, Look Ahead Planning, Weekly Work Planning, Daily Huddle and LPS metrics PPC and Categories of Constraints

ASSESSMENT:

Completion of a small improvement project using the problem-solving tool provided

GRADING:

Not Applicable

PROGRAMME DELIVERY:

2 days classroom-based (recommended format - 1 day; 2-week break; 1 day)

TOTAL DURATION OF THE PROGRAMME INCLUDES:

2 days

CERTIFICATION CRITERIA:

Attend all training days
Complete a small improvement project using the problem-solving tool provided

CERTIFICATION BODY:

Crystal Lean Solutions - 14 CPD Hours approved by Engineers Ireland.

RECOGNITION OF PRIOR LEARNING (RPL):

Not Applicable

PRE-REQUISITE:

Not Applicable

OTHER COURSES OF INTEREST FROM THE CLS TRAINING ACADEMY:



-  Lean Green Belt
-  LCI Green Belt
-  Scrum Training
-  Human Error Problem Solving
-  Constructive Conversations