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Lean
Construct

THE LEAN
CONSTRUCTION
COURSE

THE DEFINITIVE LEAN THINKING TRAINING

Why Lean Construction?

The performance gap between businesses that adopt lean thinking and those that do not is extraordinary, in a recent study, projects delivered on time or better, and to budget or better, were 92% when fully deploying lean vs an industry average of 30%.

What is ISO18404?

It is the first International Standard that can certify both organisations and individuals for the successful implementation of Lean and/or Six Sigma.

Certification against ISO18404 is for the application of competencies rather than knowledge alone. The standard was developed specifically to raise the bar in terms of training and application due to extremely variable quality and confusion in this field. For example, it is possible to buy a Six Sigma blackbelt course for as little as £50 and complete the same day, or for the same certification spend up to a year and £7000.

In the UK the Royal Statistical Society (RSS) are the Sector Scheme holders for ISO18404.

Why should you choose a Lean training course approved by RSS?

The RSS have a strict quality management system and a rigorous process for vetting a prospective training provider which include scrutiny of the company, the training personnel and the training materials used to ensure a match to the requirements of the standard.

Why should you choose Lean Construct?

- Lean Construct are approved by RSS to deliver training against ISO18404
- The Trainers are Certified to ISO18404 at the highest level themselves
- Lean Construct specialises in the Construction Sector and knows how to practically apply the techniques in this context
- Lean Construct helped the first company in the world achieve certification and the largest main contractor in the UK

Our Lean Practitioner Course covers the following areas

- The Five Lean Principles and how these are applied
- Collaborative planning including Lead time analysis, Takt and line of balance
- Soft Skills including: -
  - o change management
  - o motivation theory

- o   Team dynamics
- o   Stakeholder management
- Data capture and analysis including understanding variation
- Creative thinking
- The visual workplace
- FMEA Risk, Standard Work, Problem Solving
- Implementation management including risk and policy deployment

Course Structure and Timescale

Phase	Activity	Timescales	Outcomes	Programme Months
1	Attend an approved RSS Lean Practitioner Training Course	4 to 5 days Classroom based. Can be split over several weeks if required.	The candidates will gain all the necessary knowledge requirements to allow progression to phase 2.	1 to 2
2	Improvement Project scoping and coaching	Three to six months. Individual support tailored to individual & project needs.	The candidates apply the knowledge to their work situation to target tangible improvement gains.	3 to 6
3	Portfolio Development & review	Three to Twelve months	The candidate assembles evidence of practical application of the new skills to their work	3 to 12
4	Examination Preparation	2 days to include mock exam	Confident of how to approach the examination	9 to 12
5	Final Exams	3hr written plus interview (1/2 day total)	Certification to Lean Practitioner ISO18404	9 to 12

Lean Construct

LEAN CONSTRUCTION PRACTITIONER / GREEN BELT

Focuses on Lean Construction Process Improvement & Collaborative Planning

LEAN CONSTRUCTION LEADER / BLACK BELT

In addition to the Practitioner course, the Lean Leader course covers strategic deployment, training others and managing lean systems.

These are the definitive courses for anyone who needs to know how to practically apply **lean thinking** to construction operations.

The content is designed to enable delegates to satisfy the knowledge requirements of **ISO 18404** at Lean Practitioner and Lean Leader Levels and would enable progression to full certification under the standard.

CONTACT US

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Our Lean Practitioner Course is Approved by RSS to meet all competencies under RSS18404

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