



KVALIKON

VEZETÉSI TANÁCSADÓ ÉS
RENDSZERFEJLESZTŐ KFT.



1125 BUDAPEST, ISTENHEGYI ÚT 63/B.

LEAN MANAGEMENT TRAINING

6 DAYS TRAINING

Goal of the training:

Support of the Lean Management implementation. To train professionals with high level of theoretical and practical knowledge for the application of the Lean Management system, who will be able to manage and support effectively Lean management implementation at their own organization.

During the training, the participants, accomplish a Kaizen action as a pilot project for a selected area at their own working environment with the involvement of the colleagues. This will be presented for the other participants.

Recommended for:

Lean managers, Kaizen managers, Production managers, Technical managers, Quality managers, Logistics managers, Foremen, Process engineers.

1. day

LEAN Management system

Lean Management Philosophy

- History of Lean Management and TPS
- Lean production, Lean Office
- Value-added approach
- Lean principles (5 principles)

Lean Management Construction Elements

- Pull system, JIT
- One piece flow, Mixed model production
- JIDOKA, 0 defect conception
- KAIZEN
- Involving employees
- Stable operation

KAIZEN philosophy and approach

- Connection of KAIZEN and Lean

- Features of KAIZEN
- 4 principles of KAIZEN
- Examples of KAIZEN implementation

Simulation game - Lean production versus traditional production

2. day

Value stream, Loss reduction

Value stream mapping

- Value-added (VA)
- 3 essential flow
- Creating value stream map
- Analysing value stream map
- Planning a future value stream map

Loss reduction

- 7 MUDA, 3MU
- Loss reduction methods



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- Spaghetti diagram
- Kaizen workshops

Material flow optimization

- PQ- PR analysis
- Cellular production
- Cell design elements

JIT, Kanban

- Conditions of JIT production
- Manufacturing and ordering Kanban, scope of their applicability
- Calculation of Kanban quantities (through examples)

Heijunka – production leveling

- Takt time, Line balancing
- 5W 2 H method

Lean Management case study

3. day

LEAN Management basics

Gemba Kaizen

- 5 GEN, Gemba Kaizen approach

PDCA – SDCA ciklus

- Maintenance and continuous improvement
- Based on facts leadership
- Measurement, data collection
- Determine targets and requirements

Standards

- Function of standards

- Steps of standardization
- Elements of standardized work

5S method

- 5S steps, implementation

Visual management

- Information structures, control
- Examples of visual management

Involving employees

- Employee in the focus principle

Catapult game – PDCA

4. day

LEAN Management for machines

SMED

- SMED preparation
- Identifying external-internal times
- Reduce change over time

TPM

- 5 TPM pillars
- Measurement of losses related machines (OEE)
- Self-motivated maintenance management
- TPM implementation

5. day

0 defect conception

- „Good quality first” principle
- 0 defect conception
- JIDOKA
- Defect prevention (FMEA, SQC)



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- Defect exploration (TQC, control)
- Defect alert (Andon)
- Defect elimination, POKA-YOKE

Total Quality Control

6. day

LEAN implementation

LEAN implementation steps

- Change- and project management of LEAN implementation
- Basic conditions of LEAN Management and Kaizen implementation
- Critical success factors of the implementation

Exam

- Presentation of the individual KAIZEN action, and
- Written exam