

Make TPM Lean and Digital

One Day Training Workshop to:

- Raise awareness of the gains from digitisation using TPM and Lean principles to improve plant effectiveness and workflow productivity
- Working sessions include
 - Readiness diagnostic workbook,
 - Action plan development.



Discover the power of Smart Technology in Manufacturing.

Although the initial returns from investments in shop floor systems can be significant, research reveals that the gains tail off without actions to adapt work processes to the new ecosystem.

It's not just about learning how to use the tech; the real gains come from connecting people and processes to make data work for you, not the other way around. For example moving from time based to usage/condition based Maintenance saves time but the real gains come from stabilising and extending component life. That involves engaging front line users with using the digital ecosystem to identify and deal with the causes of accelerated wear and human error that reduce component life by as much as 50%.

Digitisation changes the dynamics of day to day operation across the Plan, Source, Make and Deliver operations. It is a journey of discovery rather than a one shot silver bullet to fix all ills. A journey of systematic improvement that transforms the role of team leaders, planners, process engineers, quality assurance as well as front line production and maintenance personnel for the better to:

- Enhance current plant effectiveness and workflow coordination,
- Automate administrative tasks,
- Enable high quality data analysis to systematically raise future performance.

In organisations that do this well, the transition is carried out by an **internal improvement network** where improvement teams, leaders and support personnel collaborate to develop and share best practices that stabilise and ratchet up performance.

This 1 day in house workshop provides a structured "plan the plan" session for internal stakeholders to raise awareness and map out the digitisation journey using a blend of TPM and Lean principles to systematically:

- Surface barriers to performance including legacy system weakness and rules of thumb to match priority issues with digital solutions,
- Refine asset care and best practice workflows,
- Adapt roles to support real time workflows and facilitate the development of capabilities,
- Improve use of data to capture lessons learned and gain insights into causal factors,
- Enhance collaboration and establish a proactive improvement culture,

Book a session for your organisation to raise awareness of what is possible and develop a plan to unlock the full potential of smart technology in manufacturing.

For more information and a copy of our prospectus please email info@dakconsulting.com, log onto our website at www.dakacademy.com or call +44 (0)1491 845504.

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Course Title Make TPM Lean and Digital

Timing 1 Day

Location: On site

Cost: £1500 plus VAT for up to 10 delegates

Why attend?

Technology is changing today's operating environment. An important Leadership role is sponsoring the exploration of how the enhanced connectivity that Smart Tech delivers, can improve business performance.

For example, before digitisation, the daily reporting routine in one food a drink manufacturer involved collation of information from 10 separate systems. That took up 90 minutes of First Line Manager activity per shift. Digitisation removed the need to do that and changed the daily priority for them from collecting data to using that data to develop the insight to improve future performance. It also changed the nature of the conversations between first line managers and their teams from problem solving to problem prevention improving engagement and encouraging a proactive improvement culture.

Workforce Engagement

This 1 day workshop sets out how to deliver the gains from investment in Smart Technology by engaging users with activities to:

- Encourage curiosity about how the new digital ecosystem can remove pain points, reduce waste and improve added value,
- Convert ideas into of practical improvements whilst running the business,
- Transition to new ways of working that increase customer value and support growth.

Learn About

- The advanced technology landscape, the potential gains how to deliver them.
- The Digitisation roadmap milestones.

Understand

- The synergy released by combining Digitisation, Lean and TPM toolsets.
- The winning tactics used to deliver Smart Technology gains.

Know how to

- Guide the creation of practical digital "Use cases" that Link together untapped data, surface and resolve legacy system weaknesses, deliver enhanced real time workflow performance and customer value, capture and deploy lessons learned.

Be able to

- Integrate TPM, Lean and Digitisation into a forward improvement programme that builds on existing good practices to accelerate progress towards industry leading performance as part of the day to day routine.

Who should attend?

The workshop content is designed for Manufacturing Leaders faced with the challenge of tapping into the potential gains of advanced technology such as:

- ⇒ Key Managers and Team Leaders
- ⇒ Project Managers
- ⇒ IT/OT Specialists
- ⇒ Change Agents and CI Facilitators

Agenda

Introduction

Understanding The Smart Technology Landscape

- ⇒ Diagnostic review.
- ⇒ Where the gains come from.
- ⇒ Common pitfalls.
- ⇒ Delivering the gains do you need.

OEE Simulation

- ⇒ OEE improvement strategies.
- ⇒ Defining the improvement glide path
- ⇒ Tapping into Performance and Cultural Drivers

Delivering the Gains

- ⇒ The Digitisation Road map
 - The digital backbone.
 - Shared workflows
 - Connectivity milestones.
- ⇒ The LeanTPM improvement cycle.
 - Visualise cycle: Trapped, Stranded and Missing data.
 - Restore cycle: Best practice workflow notifications and task transfer.
 - Focussed improvement: Analysis, Machine Learning and AI.
- ⇒ Use Case design, testing and evaluation.

Improving use of data

- ⇒ Local Leader Daily Management,
- ⇒ Front line engagement,
- ⇒ Systemising routine practices.

Where to Start

- ⇒ Diagnostic and Readiness Review.
- ⇒ Pilot and Roll out cascade Milestones.
- ⇒ Scaling up successful Use Cases.

Your (Evolving) Smart Technology Road Map

- ⇒ Future vision and 12 month goals.
- ⇒ 90 day forward plan.

Review of the Workshop

- ⇒ Benefits, concerns, Q&A.

Led by

Dennis McCarthy- DAK Consulting

Dennis began his career as an industrial engineer progressing into general management and director level roles. As a consultant he has helped well- respected and award winning organisations to accelerate the pace of improvement. This includes support for internal teams meeting challenges ranging from underperforming assets to company-wide multi-site transformation programmes in Europe, Australia, USA, India and China.



Make TPM Lean and Digital

Course Booking Form

<p>Make TPM Lean and Digital</p> <p>Date: To fit in with delegated diaries. With 6 weeks notice we can usually fit in with any date. If less notice is available, we will try to accommodate any date.</p> <p>Timing: 9.00 to 17.00 (Alternative timings are possible if required)</p>	<p>Delegate Fees: £1500+VAT (£1800)</p> <p>Includes course material and course leader expenses,</p> <p>Full payment is required before places can be reserved. Cancellation charges apply.</p> <p>We regret that bookings cannot be accepted from consultants</p>																																	
<p>Complete and return this booking form to DAK Consulting, Chiltern House, 45 Station Road, Henley on Thames, RG9 1AT Or contact Nadine Edmonds on Tel: +44(0)1491 845504 Nadine.Edmonds@dakconsulting.co.uk</p> <p>Payment can be made by:</p> <ol style="list-style-type: none"> 1. attaching a cheque made payable to "DAK Consulting" 2. requesting us to invoice your company against purchase order number: _____ 	<table border="1"> <tr><td>Name</td><td></td></tr> <tr><td>Position</td><td></td></tr> <tr><td>Company</td><td></td></tr> <tr><td>Address</td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td>Post Code</td><td></td></tr> <tr><td>Telephone</td><td></td></tr> <tr><td>Facsimile</td><td></td></tr> <tr><td>Email</td><td></td></tr> <tr><td></td><td></td></tr> </table>	Name		Position		Company		Address						Post Code		Telephone		Facsimile		Email				<table border="1"> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> </table>										
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