

## Manufacturing Project Management 3 Day Workshop

7<sup>th</sup> – 9<sup>th</sup> December 2021  
Coventry



Best practice toolkit to meet the challenge of **“getting buy in”, “delivering benefits”** and **“sustaining improvement”** from Manufacturing and Engineering Projects.

Unlike generic Project Management processes created to manage contractual arrangements, this course is designed to meet the needs of Manufacturing Project Management. These are projects where success depends on using tools to tap into internal tacit knowledge, facilitate decision making, coordinate the part time involvement of internal resources and engage people with changing ways of working.

These are projects where in addition to traditional planning, organisation and control of tasks, the project manager needs to guide and coordinate those in project and operational roles as the project progresses through the stages of design, development and delivery.

That includes projects generated by Focused Improvement, New Product Introduction, Kaizen activities, Layout changes, maintenance shut downs, new equipment introduction, IT system implementations or changes to business processes.

Nowhere is that more important than with Industry 4.0 projects which involves steps to

1. Develop "Use Case" concepts to match digital solutions to operational pain points
2. Implement successful use cases on a pilot basis to prove the approach and develop policy guidelines to support the transfer of the approach at scale to other parts of the organisation
3. Transfer the successful pilot approach to other parts of the organisation.

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

## **Manufacturing Project Management**

**Location:** Evesham, Worcestershire.

**Cost:** £1150.00 per delegate plus VAT

Prices include all course materials, refreshments and lunch on all 3 days. Accommodation can be arranged at an additional cost.

### **Why attend this workshop?**

- Understand best practice for managing and controlling an manufacturing/engineering projects including
  - Delivering equipment and new technology
  - Delivering operational change
  - Delivering business systems
  - Delivering new customer products/services
- Learn how to lead project teams in a way that supports innovation and engagement to enhance project value and sustained improvement.
- Know how to take a structured approach to project definition, justification and delivery
- Be able to manage activities throughout a project life cycle.

### **Who should attend?**

The workshop content is designed to help for those who have been tasked with delivering operational improvement:

- It is also relevant for
- Managers, Process Engineers and Change agents
- Team leaders and maintenance engineers

## **DAY 1**

### **Introduction**

#### **Developing the project plan**

- Confirming the scope, Developing the quality plan and task lists
- Defining the team and resource profiles, Developing the timetable
- Mobilising the project, Managing risks, Managing progress
- Measuring results and learning from experience

#### **Managing people and teams**

- Working with multi discipline teams, Creating a practical team vision
- Encouraging Innovation and creativity (within limits)
- Using visual management (improving understanding, exploring options, coordinating resources, mapping out collaborative interactions)
- Using software (portals, document management, timetables and resource management)
- Managing technical change management

## **DAY 2**

### **Recap**

#### **Personal organisation**

- Getting organised,
- Developing Project management standard work
- Managing time, knowing your time traps
- Keeping in touch
- Facilitating Meetings

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## Knowledge management

- Understanding success criteria
- Collating tacit knowledge as design standards to aid early decisions and option selection
- Testing/learning through the use of models
- Understanding life cycle costs

## Working with vendors and partners

- Setting design goals for low life cycle cost
- Defining design modules
- Selecting vendors
- Creating a shared project vision with clear accountabilities
- Collaborating on design/sharing knowledge
- Teasing out design weaknesses
- Value engineering
- Defining the installation plan.

## **DAY 3**

### Recap

#### Equipment commissioning

- Planning the commissioning activity
- Pre-commissioning including FAT, installation hand over and SAT
- Inspections and testing
- Managing the commissioning process
- Refining ways of working
- Managing the training process
- Assessing completion stages and completing Site Acceptance Testing
- Post commissioning

#### Learning from experience

- Capturing lessons
- Data Analysis and machine learning
- A3 process case study

#### Developing a practical 90-day action plan

- Developing a vision the team can get behind
- Defining a realistic and achievable 12-month outcome
- Delivering results

#### Review of the Workshop

- Benefits, Concerns, Q&A

## Workshop Leader

The workshop will be led by Dennis McCarthy- DAK Consulting

Dennis began his career as an Industrial Engineer and led a number of major Logistics projects. He progressed to European Project Manager for a US Multinational managing pan European Manufacturing, Logistics and IT projects. As a consultant, he has supported manufacturing improvement programmes ranging in size from small single site applications to companywide multi-site transformation programmes in Europe, USA, India and China. This has included support for well-respected and award winning companies such as 3M, Ford, General Motors, Heineken, Pepsi, Rolls Royce and Ikea.





<p><b>Manufacturing Project Management</b></p> <p><b>Date/Venue</b> 7<sup>th</sup> –9<sup>th</sup> December 2021 Evesham Worcestershire</p> <p><b>Timing</b> Day 1: 9:00 to 17:00 Day 2: 9:00 to 17:00 Day 3: 9:00 to 16:00</p>	<p><b>Workshop Fees:</b> £1150.00 + VAT</p> <p><b>3rd delegates</b> 15% discount</p> <p>Workshop fees include all course materials, refreshments and lunch on all 3 days.</p> <p>Accommodation can be arranged at an additional cost. Full payment is required before places can be reserved. Cancellation charges apply. 8 weeks – no fee due 6-8 weeks – 25% of fees due 4-6 weeks – 75% of fees due 2-4 weeks – 100% of fees due We regret that bookings cannot be accepted from consultants</p>																																				
<p>Complete and return this booking form to</p> <p><b>DAK Consulting, Chiltern House, 45 Station Road, Henley on Thames, RG9 1AT</b> Or contact Dawn Wigmore on Tel: +44(0)1491 845504 dawn.wigmore@dakconsulting.co.uk</p> <p><b>Payment</b> can be made by: 1. attaching a cheque made payable to "DAK Consulting" 2. requesting us to invoice your company against purchase order number: _____</p>	<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>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>Nights Accommodation required</td><td></td></tr> </table>	Name		Position		Company		Address		Post Code		Telephone		Facsimile		Email		Nights Accommodation required																			
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