

# Introduction to Australasian TPM & Lean

*An accredited Yellow Belt online self-paced training course*

## Course Contents & Support Materials

(including 838 mins or 13 hours and 58 mins of videos)

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### Part 1: Gaining an Understanding of TPM & Lean (265 mins)

- 1.1 The Evolution of Lean (70min)
- 1.2 The Evolution of TPM, and the Development of TPM & Lean (63min)
- 1.3 3 Key Foundations required for TPM & Lean to Sustain (105min)
  - Goal Aligned Performance Measures supported by 'Improvement Drivers'
  - Workplace Ownership
  - On-going Improvement involving Everyone at Site
- 1.4 **Operations Capability Rating** – identify your starting point (15min)

#### Support Materials

Reference Video: The New Business of Paradigms by Joel Barker (12min)

Paper: Decoding the DNA of the Toyota Production System by Spears & Bowen

Support Document: Operations Capability Rating

Assessment: Part 1 Gaining an Understanding of TPM & Lean

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### Part 2: Knowing What Makes Australasian TPM & Lean Work (125 mins)

- 2.1 3 Critical Parts of a Continuous Improvement Strategy to achieve TPM & Operational Excellence, and Reactive Improvement through Effective Daily Management (First Critical Part) (53min)
- 2.2 Stable Production Plan through Flow Logic (Second Critical Part), and Pro-active Improvement through Technology & Automation, Projects & Events, and On-going Improvement (Third Critical Part) (25min)
- 2.3 The Role of Site Management in the Australasian TPM & Lean journey (35min)
- 2.4 **Daily Management Rating** – identify your starting point (12min)

#### Support Materials

Booklet: Developing Production Frontline Leaders to support your TPM & Operational Excellence Journey

Support Document: Daily Review Meeting Rating

Support Document: Daily Management Rating

Assessment: Part 2 Knowing What Makes Australasian TPM & Lean Work

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### **Part 3: Understanding the Australasian TPM & Lean Improvement Activities (306 mins)**

- 3.1 Safety, Health & Environment Management (Activity 1), and Focused Equipment & Process Improvement (Activity 2) (52min)
- 3.2 Work Area Management / Enhanced 5S (Activity 3), and Operator Equipment Management / Enhanced Autonomous Maintenance (Activity 4) (94min)
- 3.3 Maintenance Excellence Management (Activity 5), New Equipment / Area / Process Management (Activity 6), and Support Department Excellence Management (Activity 7) (65min)
- 3.4 Value Stream Management (Activity 8), People & Leadership Development (Activity 9), and Process Quality Management (Activity 10) (47min)
- 3.5 ***Maintenance Capability Rating*** – identify your starting point (9min)

#### **Support Materials**

Booklet: Understanding the concepts of Training Within Industry and Standardised Work  
Reference Video: CTPM Webinar on understanding all the OEE Losses of a Production Line (31min)  
Reference Video: Uncle Toby's Team Presentation Highlight (5min)  
Reference Video: Simplot Australia Clean for Inspection (3min)  
Support Document: Operator Equipment Management Steps 1 to 7 Summary  
Support Document: Maintenance Capability Rating  
Assessment: Part 3 Understanding the Australasian TPM & Lean Improvement Activities

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### **Part 4: Making Australasian TPM & Lean Work and Sustain (142 mins)**

- 4.1 Understanding Workplace Culture (36min)
- 4.2 Key Activities of Site Leadership in Australasian TPM & Lean (cont) (47min)
- 4.3 ***Site Workplace Culture Rating*** – identify your starting point (13min)
- 4.4 Implementation Phases of Australasian TPM & Lean (45min)

#### **Support Materials**

Booklet: Creating a Lean Philosophy to support Consistency of Purpose  
Booklet: Australasian TPM & Lean Support Materials Listing  
Reference Video: Sugar Australia Operators Final Say (1min)  
Support Document: Site Workplace Culture Rating  
Assessment: Part 4 Making Australasian TPM & Lean Work and Sustain