



PRODUCTION SUPERVISOR in LEAN STRATEGY

WHO SHOULD ATTEND?

Production, Factory, Product, Process, Line, Project – Supervisors, Line Leader, Planners, Executives and People involved in Hands-On Waste Elimination



SMI LEARNING OBJECTIVE

SMI SKILL ONE

Aggressive Scheduling – Increase Output, Problem Solving and On-Time Delivery!

SMI SKILL TWO

Reduce Machine Setup Waste – Monitor and Proactively Resolve Setup Problems

SMI SKILL THREE

Production Supervisor Pro-Active Action – Reduce Unnecessary Material Overstock!

SMI SKILL FOUR

Kanban 'Weak Spot' Troubleshooting – Actual vs 'False' Kanban Boards Follow-up!

SMI SKILL FIVE

Supervisor Defect Feedback – Identify Frequent Mistakes for Poka-Yoke Solutions!

SMI SKILL SIX

Supervisor Manpower Planning – Production Schedule vs Your Manpower Needs!

SMI SKILL SEVEN

Supervisor in Leadership Styles Brainstorming – Manage Difficult Staffs and Boss

“ THE WORLD HAS CHANGED ”

The IMPOSSIBLE Happened! A Worldwide Shutdown 2020; this CHANGES EVERYTHING in Production Operations and a NEW NORMAL will emerge!

A Worldwide Recession, Business Model Change, Work from Home, Communication Delays, Reduced Investments, Compulsory Health Screening, IT Dependence, etc.

The more 'adept' companies will achieve Profits Faster. We MUST expect Supply Chain Disruptions, Vendor Financial Meltdown, Lack of Materials, Slow Operations, Unpredictable Demands and a myriad of NEW CHALLENGES, NEVER EXPECTED!

The LEAN PRODUCTION RESET in Rethinking 'Traditional' Strategies, Persuade Stakeholders to CHANGE and Support New Initiatives – Creative Strategies, Practical Solutions and Move Away from Current Practices – It requires a Paradigm Shift!





PRODUCTION SUPERVISOR in LEAN STRATEGY

Smart Production –
The NEW Lean Focus
and Pro-Active
Supervisor

PART A “ PRODUCTION SUPERVISOR in LEAN STRATEGY ”

- 1. The ‘Smart’ Production 2021** – Customer Orders, Material Delays, Worker Retrenched, Cost Down Pressure, etc.
- 2. Production Supervisor in Lean Strategy** – Aggressive Scheduling, ‘Waste’ Focus and Lean Problem Solving!

PART B “ INCREASE PRODUCTION PERFORMANCE and OUTPUT ”

- 1. AGGRESSIVE SCHEDULING – CREATE PRODUCTION VALUE**
 - A. ‘Robust’ Production Schedule** – Machine Setup Time, Staffing, Material Supplies and Operation Output
 - B. Supervisor ‘Shitsuke’ Focus** – Maintain and Reinforce Seiri, Seiton, Seison and Seiketsu!
 - C. SMI Skill ONE** – Aggressive Scheduling – Increase Output, Problem Solving and On-Time Delivery!

PART C “ JUST-in-TIME PRODUCTION STRATEGIES ”

- 2. MACHINE SETUP TIME – SHORTEN PRODUCTION LEAD TIME**
 - A. Machine Setup Time Process** – Prepare Machine Tools, Parts Exchange, Calibration and Testing
 - B. Supervisor ‘Setup’ Monitoring** – Technician Capability, Tools/Parts Availability and Machine Testing
 - C. SMI Skill TWO** – Reduce Machine Setup Waste – Monitor and Proactively Resolve Setup Problems
- 3. INVENTORY CONTROL – MATERIAL OVERSTOCK**
 - A. Reduce ‘Just-in-Case’ Inventory** – High Buffer, Quality, Last Minute Orders, Mistakes, etc.
 - B. Supervisor ‘Material’ Monitoring** – Vendor Lead Time, Inventory In-Hand and Schedule Change
 - C. SMI Skill THREE** – Production Supervisor Pro-Active Action – Reduce Unnecessary Material Overstock!

4. PRODUCE ‘ONLY ON DEMAND’ – REDUCE OVERPRODUCTION

- A. Kanban Production** – Customer ‘Demand Focus’ and Kanban Cards (To Do vs Doing vs Done)
- B. Supervisor ‘Kanban’ Monitoring** – Schedule Change, Staff Output/Hour, Output Review, etc.
- C. SMI Skill FOUR** – Kanban ‘Weak Spot’ Troubleshooting – Actual vs ‘False’ Kanban Boards Follow-up!

5. ELIMINATE DEFECTS and REWORK – REDUCE SCRAP

- A. Production ‘Human Error’ Defects** – Mistake Prevention Device and 100% Device Success
- B. Supervisor ‘Poka Yoke’ Monitoring** – Device Usability Feedback, Staff Training and Instructions
- C. SMI Skill FIVE** – Supervisor Defect Feedback – Identify Frequent Mistakes for Poka-Yoke Solutions!

6. PRODUCTION STAFFING FLEXIBILITY – REDUCE WORK STRESS

- A. Production Manpower Planning** – Staff Expertise, Equipment/Staff Needs and No of Shifts
- B. Supervisor ‘Manpower’ Monitoring** – Production Change, Long Hours, Output Flexibility and Costs!
- C. SMI Skill SIX** – Supervisor Manpower Planning – Production Schedule vs Your Manpower Needs!

PART D “ JUST-in-TIME ACTION PLAN IMPLEMENTATION ”

7. PRODUCTION SUPERVISOR in MANAGING DIFFICULT STAFFS

- A. Production Supervisor Leadership** – Develop a Team of Capable Line Leaders/Operators
- B. Right Style for RIGHT Staff** – Develop Practical Autocratic, Interactive, Team and Superior Style
- C. SMI Skill SEVEN** – Supervisor in Leadership Styles Brainstorming – Manage Difficult Staffs and Boss