



CYCLE TIME MANAGEMENT STRATEGIES

WHO SHOULD ATTEND?

Production, Factory, Product, Process, Line, Supply Chain, Project, Material – Planners, Executives, Managers and People involved in Production Planning Implementation



SMI LEARNING OBJECTIVE

SMI SKILL ONE

Know your Customer – Key Decision Influencers and Order 'Trigger' Process!

SMI SKILL TWO

Present Supplier 'Present Situation' and 'New' Commitment – Meeting Customer Demand!

SMI SKILL THREE

Creative Problem Solving – Develop Flexibility to Increase/Decrease Production Capacity!

SMI SKILL FOUR

Develop Lean Production Focus – Prioritise Waste Elimination and Reduce Cycle Time!

SMI SKILL FIVE

Practical Lean Production Workshop – Brainstorm Areas of Waste Reduction!

SMI SKILL SIX

Steps to Handle Difficult Team Members and Disagreement

SMI SKILL SEVEN

Develop and Present Cycle Time Report and Win Top Management Confidence!

“ THE WORLD HAS CHANGED ”

The IMPOSSIBLE Happened! A Worldwide Shutdown 2021; this CHANGES EVERYTHING in Production Plans 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 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!





CYCLE TIME MANAGEMENT STRATEGIES

Smart Production –
Reduce Time to
Procure, Manufacture
and Deliver
Products/Services

PART A “ CYCLE TIME MANAGEMENT STRATEGIES – SMART PRODUCTION ”

- 1. The ‘Smart’ Production 2021** – Customer Orders, Material Delays, Worker Retrenched, Cost Down Pressure, etc.
- 2. Cycle Time Management Strategies** – Dynamic Orders, Supplies, Process and Waste Reduction!

PART B “ CYCLE TIME and ORDER/SUPPLY RELATIONSHIP ”

- 1. CUSTOMER DEMAND – WHAT and WHEN THEY WANT**
 - A. Customer Demand Rhythm Profile** – Meeting Customer ‘Time Bucket’ (hourly, daily, weekly, monthly)
 - B. Source of Demand and Response Time** – Customer Order Notice, Volume, Variety, and Delivery Deadline!
 - C. SMI Skill ONE** – Know your Customer – Key Decision Influencers and Order ‘Trigger’ Process!
- 2. SUPPLY DELIVERY – MATCH SUPPLIES to CUSTOMER DEMAND**
 - A. Supply Delivery Challenges** – Material Stocks to Work-in-Progress, Late Delivery and Limited Vendors!
 - B. Supplier Inventory Support** – Buffer Stock, Consignment, Vendor Managed Inventory and Trading House
 - C. SMI Skill TWO** – Present Supplier ‘Present Situation’ and ‘New’ Commitment – Meeting Customer Demand!

PART C “ PRODUCTION CAPACITY ‘FLEXIBILITY’ ”

- 3. PROCESS CAPACITY, TASKS and CYCLE TIME ANALYSIS**
 - A. Production Capacity vs Cycle Time** – Production Supply Profile, Capacity Increase and Lead Time Reduction
 - B. Capacity Increase Cost Justification** – Total Production Costs vs Lost of Business Opportunity/Customers
 - C. SMI Skill THREE** – Creative Problem Solving – Develop Flexibility to Increase/Decrease Production Capacity!

4. LEAN PRODUCTION FOCUS – ELIMINATE WASTE

- A. Over Production and Something ‘Extra’** – Avoid Unneeded Inventory and Unwanted ‘Extra’ for Customer
- B. Avoid Cycle Time Delay** – Review Transport, Unnecessary Approval, Waiting, Quality and Rework!
- C. SMI Skill FOUR** – Develop Lean Production Focus – Prioritise Waste Elimination and Reduce Cycle Time!

5. FIVE CRITICAL CYCLE TIME STRATEGIES

- A. Strategy ONE** – Reduce High Customer Variation (Analyse Causes and Costs of Variations)
- B. Strategy TWO** – Production Supply Capacity Match to Customer Demand (Balancing Capacity Everytime)
- C. Strategy THREE** – Match Production Volume and Variety to Customer Time Bucket
- D. Strategy FOUR** – Shorten Processing Distance (Right Product Type and Space to Produce)
- E. Strategy FIVE** – Eliminate Non-Value Added Activities (Develop Team to Reduce Waste)
- F. SMI Skill FIVE** – Practical Lean Production Workshop – Brainstorm Areas of Waste Reduction!

PART D “ CYCLE TIME STRATEGY IMPLEMENTATION ”

6. CYCLE TIME ‘WASTE’ and PROBLEM SOLVING

- A. Cycle Time Team Leader Competency** – Develop Team Capability, Confidence and Motivation
- B. Creative Cycle Time Problem Solving** – Green, Yellow, White, Black, Red and Blue Hat Thinking!
- C. SMI Skill SIX** – Steps to Handle Difficult Team Members and Disagreement

7. CYCLE TIME ACTION PLAN and REPORTING

- A. Monitor Cycle Time Objectives** – Cost Down, Inventory, Rejects and Lead Time Reduction!
- B. Cycle Time Project Reporting** – Production Performance, Cost Reduction and Preventive Measures!
- C. SMI Skill SEVEN** – Develop and Present Cycle Time Report and Win Top Management Confidence!