PRODUCTION PLANNING & CONTROL (PPC)

A. BENEFITS OF ATTENDING THE COURSE :

- Understand the demands of our customers today and how they affect the supply chain management
- Be equipped with the latest techniques that will position your organisation to be competitive
- Increase and maximize the utilization of the manufacturing facility through a more effective and efficient production planning and control
- Improve your creativity in planning and implementing cost improvement and problem solving programs
- Build positive working relationship and garner better support internally and externally through a better appreciation of the human factor

B. WHO SHOULD ATTEND :

- Production Planning & Control Specialists / Supervisors / Officers / Executives

C. Course Contents :

Day 1
1. Fundamentals of Production Planning & Control
   - What the inputs?
   - What are the outputs?
   - Types of plans

2. An analysis of the roles and responsibilities of Production Planning & Control Department
   - Marketing & sales.
   - Planning & scheduling
   - Materials
   - Production

3. An analysis of the interdependent relationships in Production Planning & Control .
   - Losses result from ineffective planning

4. How does the Production Planning & Control contribute towards the competitiveness of the organization.

5. How does Production Planning & Control contribute to the supply chain management

6. Production Planning & Control Performance Indicators
   - Customer OTD
   - Down Time
   - Inventory Turns

- Stock Variance
- Cost Savings

End of Day 1

Day 2.

7. Challenges and expectations of Production Planning & Control Staff
   - The Person -   Top Ten Characteristics

   - The Skill   -   Planning & Control Systems
     - Pareto Principle
     - ABC Analysis
     - Aggregate Planning Strategies
     - Situation Analysis & Problem Solving Tools
     - JIT for materials
     - Fishbone Analysis
     - Losses analysis
     - Problem solving skills – PDCA, DMAIC etc.
     - Reporting and Analytical Tools

8. Gantt Chart application for production planning

9. Vertical Analysis

10. Horizontal Analysis
    - Trend Analysis

End of Day 2.

D. <u>TRAINING METHODOLOGY :</u>

- Workshops
- Lectures
- Group Activity
- Question & Answer Session
- Case Studies / Games