

Demand Driven Planner (DDP)TM



The Demand Driven Planner (DDP)TM is designed for planning, purchasing and supply chain personnel responsible for implementing and maintaining a DDMRP implementation. Designed by the leading authorities on DDMRP at the Demand Driven Institute, the Demand Driven Planner is a 2-day program comprised of 13 modules of in-depth DDMRP education. On completion of this training program each participant will receive a certificate of completion from the Demand Driven Institute. The DDP Program is the official preparatory course for Demand Driven Planner Professional (DDPP)TM endorsement.

Achieving DDPP Certification

The Demand Driven Planner Professional (DDPP)TM is a professional endorsement certification offered by the Demand Driven Institute, the global authority for Demand Driven education, training, certification and compliance. The DDPPTM is earned by an individual who can apply the Demand Driven concepts, analyze an environment and evaluate an environment using the Demand Driven Material Requirements Planning (DDMRP) methodology. Once an individual has completed Demand Driven Planner (DDP)TM training, the DDPPTM endorsement is awarded following the successful completion of a 3-hr examination.

DDP Course Content

Module 1: Planning in the Modern World

- The MRP Revolution
- Evidence of a Problem
- The New Normal

Module 2: The Importance of Flow

- Plossl's First Law
- Demonstrate Flow's importance in industry
- Plossl's Law Caveat
- The Bullwhip Effect

Module 3: Unlocking a Solution – Decoupling

Module 4: Becoming Demand Driven

- “MRP versus Lean” Conflict
- What “Demand Driven” really means
- Demand Driven Operating Model
- Demand Driven MRP

Module 5: Strategic Inventory Positioning

- Six Positioning Factor
- Decoupled Lead time
- Matrix Bill of Material

Module 6: Distribution Network Positioning

- Unique Distribution Positioning Factors
- Compare and contrast demand driven to push and promote
- Positioning across a supply chain

Module 7: Buffer Profiles and Levels

- Inventory – Asset or Liability
- Buffer Profiles
- Buffer Zones
- Calculating Buffer Levels

Module 8: Dynamic Buffer Adjustments

- Recalculated Adjustments
- Planned Adjustments
- Manual Adjustments
- Factors for Planning Adjustment Factors

Module 9: Demand Driven Planning

- Part Planning Designations
- DDMRP Planning Process
- Supply Order Generation for Stocked Items
- DDDRP Supply Order Generation Considerations
- Supply Generation for Non-Stocked Items
- Decoupled Explosion
- Prioritized Share

Module 10: Highly Visible and Collaborative Execution

- Challenging Priority by Due Date
- Buffer Status Alerts
- Synchronization Alerts
- Execution Collaboration

Module 11: DDMRP and the Operational Environment

- DDMRP Strategic Buffer Criteria
- DDMRP and Safety Stock
- DDMRP and Order Point
- DDMRP and Scheduling
- DDMRP and WIP Priority Management
- Compare/contrast MRP, Lean and DDMRP

Module 12: Demand Driven Sales and Operations Planning

- DDS&OP
- Analytics for Master Settings changes and model improvement
- DDS&OP protection for critical strategic impacts

Module 13: Program Summary

- Program Summary
- Expected Benefits of DDMRP
- Get Started with DDMRP